

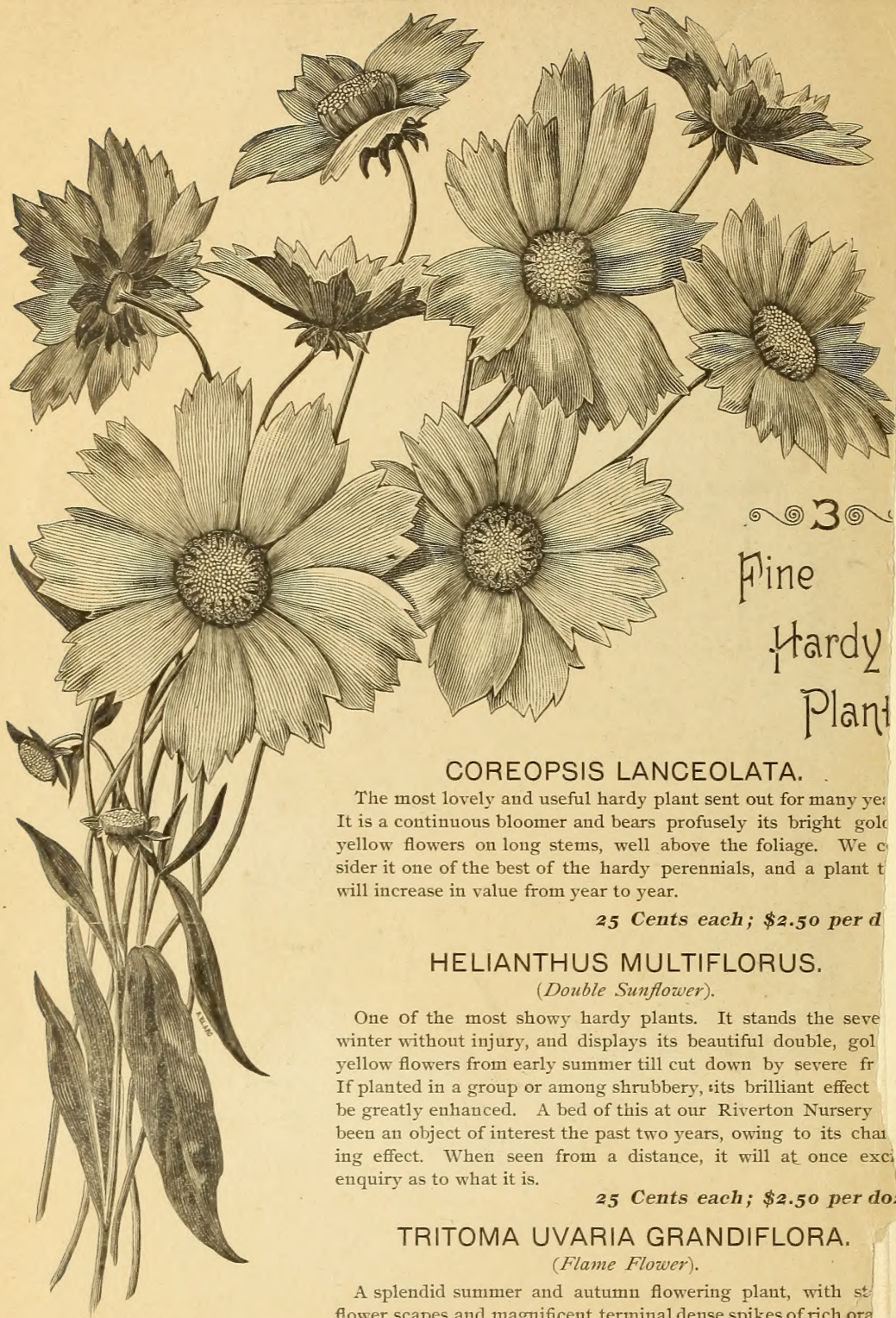
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621 1985 90
DIVISION OF
MAIL
JUN 10 1890
H. A. DREER'S GARDEN CALENDAR
Bound for 10



HENRY A. DREER
714 CHESTNUT ST. PHILADELPHIA



COREOPSIS LANCEOLATA.

the "Red-hot Poker." For planting in groups on the lawn it is indispensable, and it should not be overlooked when seeking something to plant among shrubbery, as it will throw its flowers well above the surrounding plants.

3
Fine
Hardy
Plant

COREOPSIS LANCEOLATA.

The most lovely and useful hardy plant sent out for many years. It is a continuous bloomer and bears profusely its bright golden yellow flowers on long stems, well above the foliage. We consider it one of the best of the hardy perennials, and a plant that will increase in value from year to year.

25 Cents each; \$2.50 per dozen

HELIANTHUS MULTIFLORUS.

(Double Sunflower).

One of the most showy hardy plants. It stands the severe winter without injury, and displays its beautiful double, golden yellow flowers from early summer till cut down by severe frost. If planted in a group or among shrubbery, its brilliant effect will be greatly enhanced. A bed of this at our Riverton Nursery has been an object of interest the past two years, owing to its charming effect. When seen from a distance, it will at once excite enquiry as to what it is.

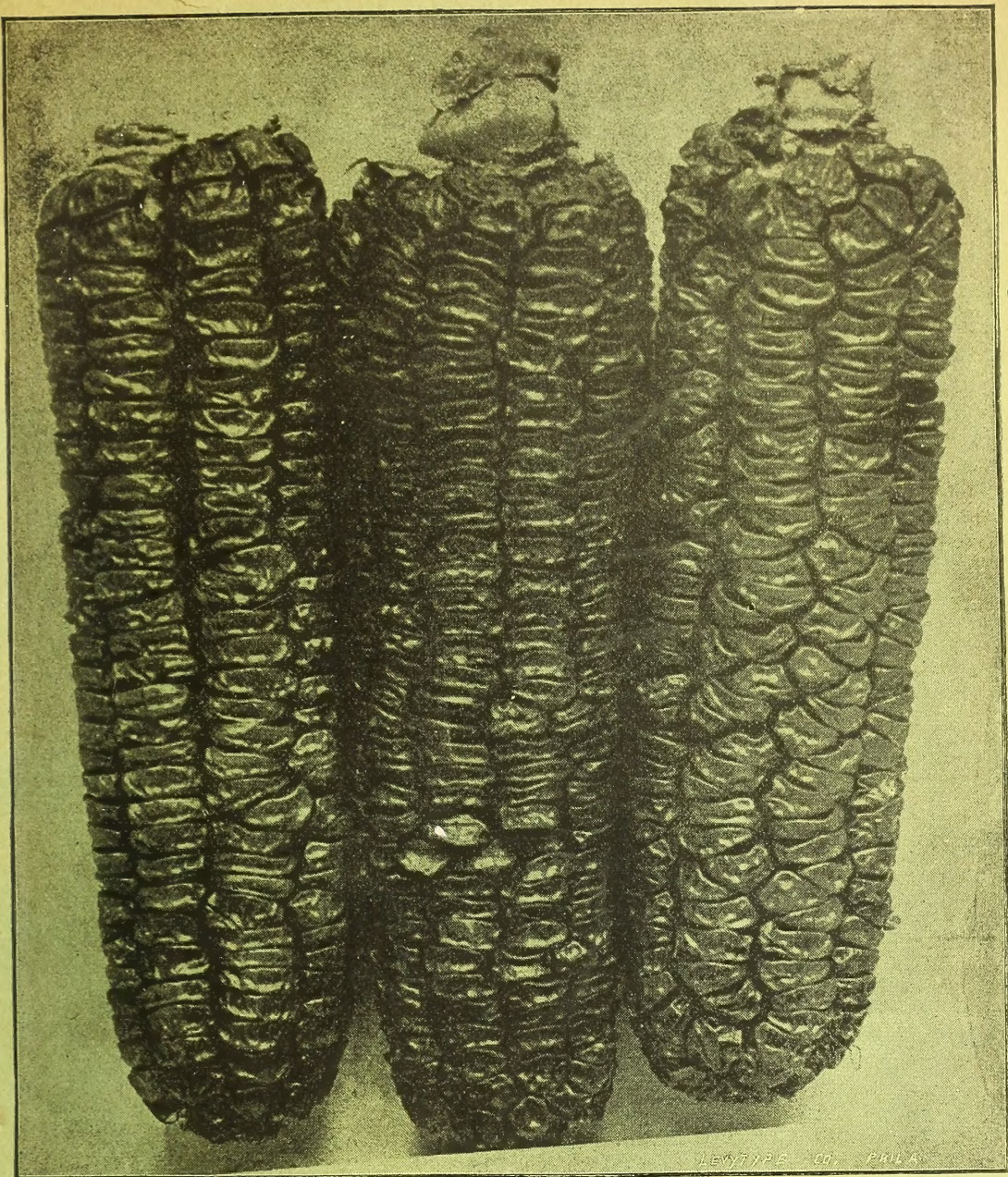
25 Cents each; \$2.50 per dozen

TRITOMA UVARIA GRANDIFLORA.

(Flame Flower).

A splendid summer and autumn flowering plant, with sturdy flower scapes and magnificent terminal dense spikes of rich orange red tubular flowers; familiarly known from its glowing color.

25 Cents each; \$2.50 per dozen



A photographic reproduction of 3 typical ears of Dreer's "First of All" Sweet Corn.

THE EARLIEST SWEET CORN,

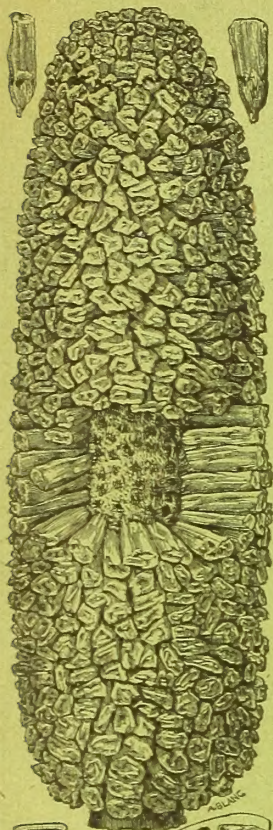
✻ Dreer's ✻ First ✻ of ✻ All. ✻

WE take pleasure in introducing this sweet Corn, feeling confident it will merit and receive the approval of all who give it a trial. It is a selection from the Cory and is similar in appearance, but is of superior quality and ripens seven to ten days earlier than its parent variety. The ears are shown full size in the illustration and are plump and of delicious flavor. Our customers will find it is all we claim, and their gardens will not be complete without it.

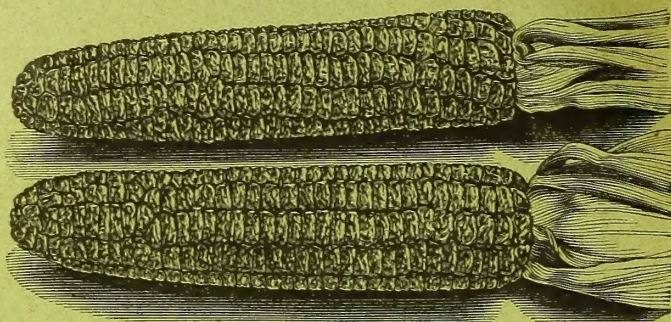
Dr. F. M. Hexamer writes to the originator as follows: "Your new sweet Corn was a surprise. It was fit for use nearly a week earlier than Cory, growing alongside of it, and decidedly better in quality."

25 cts. per pkt., 3 pkts. for 60 cts., 6 for \$1.00.

Novelties and Specialties.



SHOE PEG
COPYRIGHTED 1883
SUGAR CORN



STABLER'S NONPAREIL SWEET CORN.

A most desirable second early variety and one which will doubtless in time supersede the Evergreen, as its qualities are in every way superior to that old and tried sort. It yields large ears bearing tender, juicy grains of the most delicious flavor. Private and market gardeners and the canning trade will find it a variety suited to their wants.

Pkt. 10 cts., qt. 40 cts., peck \$3.00, bu. \$10.00.

LITTLE GEM OR SHOE PEG SWEET CORN.

An old but excellent variety that is grown around Philadelphia by those who know a good thing. It is very sweet and luscious, and especially adapted to family use. It bears 3 to 4 ears (averaging 5 inches in length) on a stalk, and for drying or canning purposes it is incomparably the best, its small size being in large measure atoned for by its productiveness and its exquisite flavor.

Ear 10 cts., pkt. 10 cts., qt. 25 cts., peck \$1.50, bu. \$5.00.

GOLDEN QUEEN WAX BEAN.

A marked improvement on the Golden Wax, from which it is a selection. The pods are large, borne freely in clusters, and are of a beautiful light yellow color. This sort has successfully withstood the rust, and presented an attractive appearance when many other sorts have been destroyed.

Pkt. 15 cts., qt. 50 cts., peck \$3.50, bu. \$10.00.



WARDWELL'S WAX BEAN.

This is one of the very best if not the best Wax Bean on the market. It is almost totally rust proof, is a heavy cropper and bears long, brittle pods of a delicate waxy yellow color which render it attractive wherever shown.

The pods are entirely stringless and of fine buttery flavor. It will become a valuable market sort and increase in favor for private use.

Pkt. 10 cts., qt. 40 cts., peck \$2.50, bu. \$8.00.

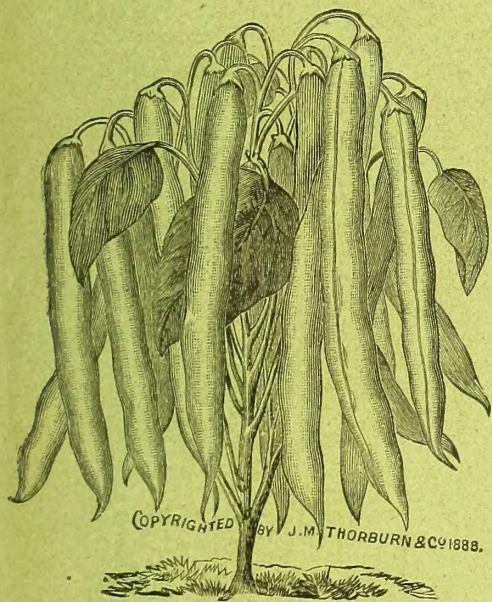
Add for postage on Corn 5 cts. an ear, 12 cts. per qt.; on Beans 15 cts. per qt.



BOSTON PEA BEAN.

A remarkably prolific, early and hardy bean, and one that will doubtless become a standard sort. The beans are small, as its name indicates, but for "Baked Beans" it exceeds in value all the other sorts. The illustration shows the number of pods that are borne on the majority of the plants. No bean grower should fail to give them a trial, as they will find a ready sale, as their size and pure white color will always prove attractive.

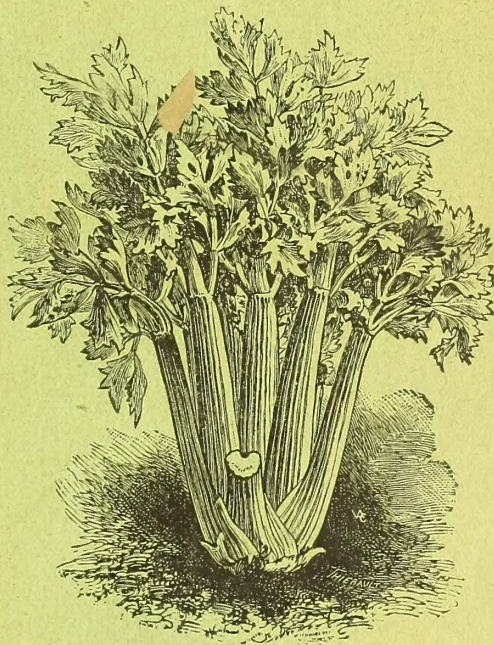
Pkt. 10 cts., qt. 30 cts., peck \$2.00, bu. \$5.00.



THORBURN'S EXTRA EARLY REFUGEE BEAN.

An early round-podded green bean ripening about a week later than improved Red Valentine. Our tests of this variety have proven its value and we can recommend it to our customers as in every way desirable. As a pickling bean it has decided merit. Its round and shapely pods of a light green color and its abundant crops will make it desirable for market.

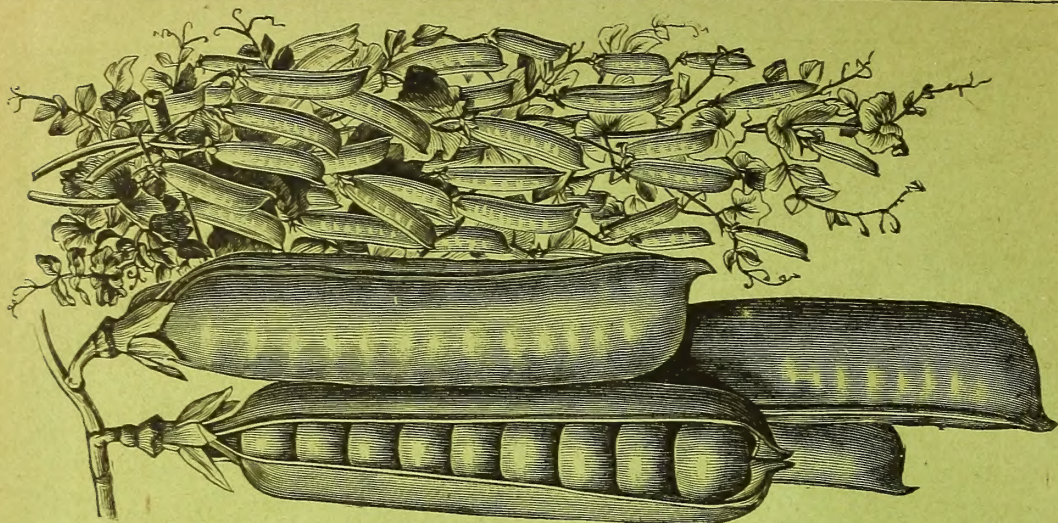
Pkt. 10 cts., qt. 35 cts., peck \$1.75, bu. \$6.00.



GIANT PASCAL CELERY.

The latest and best variety of Celery. It is a selection from the Golden Self-Blanching, and adds to the general good qualities of its parent, superior keeping qualities. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor free from any trace of bitterness; it blanches very easily and quickly, and retains its freshness a long time after being marketed. The heart is golden yellow, very full and attractive in appearance.

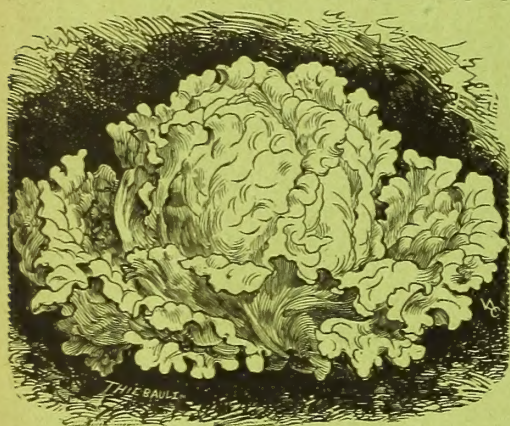
Pkt. 25 cts., oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.



DREER'S EXTRA EARLY PEA, PIONEER.

An extra early pea that will meet the views of those in want of something good. The pods are full of plump peas of delicate flavor, and are devoid of the coarseness of many of the early sorts. It can be gathered in two pickings and bears a heavy crop. We can safely recommend this to private and market gardeners who desire a first-class early pea.

Pkt. 10 cts., qt. 40 cts., postpaid 55 cts., peck \$2.75, bu. \$6.50.



LETTUCE BLONDE BEAUTY.

A superior summer lettuce of a bright golden tinge and attractive form. It resists the heat to a remarkable degree and is tender, crisp, sweet and juicy when many sorts have become tough and bitter. It is a distinct sort and one which will find a place.

Pkt. 15 cts., 2 for 25 cts., oz. \$1.00.

OSAGE MUSK MELON.

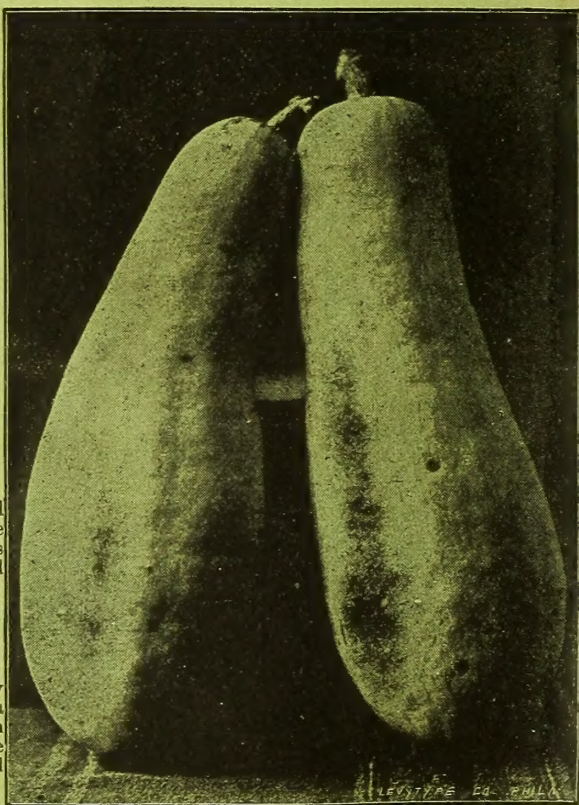
A distinct and good melon. Skin dark green, slightly netted; flesh very thick, rich and melting and of a beautiful salmon color. The melons are oval, of medium size, and are borne freely, so that a heavy crop can be raised on an acre. Truckers and growers for hotels and private families should not fail to try this variety.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

SEMINOLE WATER MELON.

A new water melon of large size and delicious flavor. Flesh a vivid crimson color; crisp and sugary. The melons are of two colors—gray and light green, the latter a darker coloring of the former; the gray color greatly predominates. Melons of both colors are found on the same vine and are exactly the same in shape, size, color of seed, flavor and quality.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



COOK'S FAVORITE SQUASH.

We take pleasure in introducing Mr. Morse's new squash, as it is certain to please the most exacting. It will be found desirable for a number of uses and when once grown will not be discarded. The skin is of a rich cream color and of a shade that will attract attention. It attains a length of 20 to 30 inches and 6 to 9 inches in diameter; a vigorous grower, very prolific; flesh deep orange, extra fine grain; superior for table use, for pies or canning, and excellent for dairymen to feed to milch cows.

Per pkt. 20 cts., 3 for 50 cts., 7 for \$1.00.

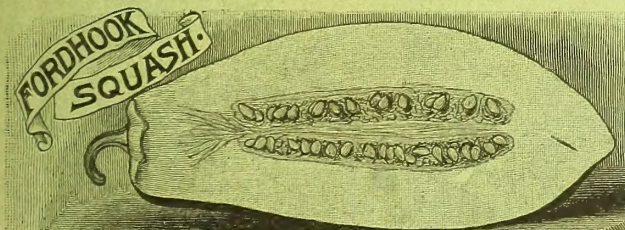


DREER'S STANDARD POTATO.

An oval-shaped early white potato, similar in form to the old Early Vermont; the flesh is white, fine-grained and very delicate. Either baked or boiled they are very superior, and cook evenly, dry and mealy, and are never hard, hollow, watery or discolored at the centre. Vines are medium size with deep green foliage, and healthy in all respects. The tubers grow compact in the hill and are easily dug, ripening in about 3 months from the time of planting, though suitable for cooking one week later than the Rose with the same culture. They are very productive, with but few small tubers. Its beautiful appearance, fine quality, extraordinary productiveness and remarkable keeping qualities render it a most valuable variety for market. This year it has resisted the blight better than any of the other varieties. Our stock of this desirable potato is limited, and we can only offer it this season by the pound.

1 lb., postpaid, 75 cts.; 4 lbs., by express, \$2.00.

FORDHOOK SQUASH.



The engraving, reproduced from a photograph, shows the shape of the squashes and the solidity of a section. Of a handsome, bright yellow color outside, and straw-yellow within. The flesh is as dry as "Pike's Peak," and much sweeter, making it the best in quality of all Winter Squashes. Placed in a cool, dry room, keeps in perfect condition throughout the winter and spring. From the photograph will be noticed the thin, hard stem, in striking contrast to the thick, fleshy stems of other varieties of Winter Squash. This same characteristic also applies to the roots, which are likewise slim and hard,

furnishing absolutely no food for the Squash borer, and consequently is perfectly free from their attacks; matures early.

15 cts. per pkt., 2 for 25 cts., 5 for 50 cts., 10 for \$1.00.



ARNEBIA CORNUTA.

(ARABIAN PRIMROSE.)

A new and charming Asiatic annual which attains a height as well as a diameter of about 24 inches. Its curious and exceedingly beautiful flowers expand daily in succession and are produced on each branch; they are slightly smaller than a 25 cent piece, of an agreeable rich yellow and marked with five large black spots; the latter turn, the second day, to deep maroon, the third day this color vanishes and becomes of a clear pure yellow. It flowers with unusual profusion during the whole of the summer, and from 100 to 150 spikes of flowers may often be seen on one and the same plant. Cut flowers, placed in water, retain their freshness for several days.

No. 5170. Pkt. 25 cts.



COMET ASTER.

LIGHT BLUE.

A new and beautiful sort, forming fine, regular pyramids 2 to 15 inches high and bearing magnificent flowers of a lovely light blue color, and in shape they resemble a large-flowered Japanese Chrysanthemum, the petals being long and twisted or curled and wavy.

No. 5202. Pkt. 25 cts.

AMARANTHUS TRICOLOR SPLENDENS.

(New Joseph's Coat.)

An improvement on the old *Amaranthus tricolor*, which will be found a desirable acquisition to ornamental foliaged plants. All who have grown the old "Joseph's Coat" know its bright colors, which are far surpassed by the brilliant shades displayed in this new sort. The seed offered was saved from specimens of remarkably brilliant coloring.

No. 5093. Per pkt. 10 cts.; 3 for 25 cts.



NEW WHITE SPURRED COLUMBINE.

(*Aquilegia Chrysantha Grandiflora Alba*.)

The chrysantha varieties of *Aquilegia* are well known and esteemed as belonging to the finest and most graceful hardy perennials. The new, large flowering, pure white variety with its fine long spurs, as illustrated, is perfectly hardy and absolutely true to name, for in 1000 seedlings scarcely 20 other shades have been found. It is a beautiful plant for pots, and if planted in groups in the garden they present a perfect sea of white flowers.

No. 5146. Pkt. 25 cts.

BALSAM APPLE.

(*Momordica Involucrata*.)

An entirely new sort from the Natal Mountains. It is a most excellent climber, requiring no tying up, as the claw-shaped tendrils will hold fast as does the *Ampelopsis*. The flowers are white and produced in profusion; the fruit at first is sulphur yellow which turns in color later on to a beautiful bright carmine.

No. 6119. 25 cts.



BEGONIA HYBRIDA GIGANTEA.

"FAUST."

A new tuberous rooted variety, the best red in existence, shaded with black; a decided and valuable acquisition.

No. 5283. Pkt. 35 cts.

SNOW WHITE GLADIOLUS, 30 cts. each, 4 for \$1.00. \$2.50 per doz.

BEGONIA SCHARFFIANA.

A new species from Brazil with large, thick, velvety leaves, of emerald green color on the surface and deep purplish red underneath. The flowers are large and pure white. Perfectly distinct from all other ornamental-leaved Begonias, and, being much harder than any of the Rex varieties, it can be recommended as a fine plant for apartments.

No. 5286. Per pkt. 25 cts.



**DOUBLE LARGE FLOWERED CALENDULA,
ORANGE KING.**

Flowers of considerable size, much larger than any we have seen yet, and they are also remarkably double. The outer florets are slightly imbricated, while those of the centre are incurved like the petals of a Pæony. The color is a dark orange red, very striking.

No. 5346. Pkt., 20 cts.

**COREOPSIS LANCEOLATA.**

The most charming hardy perennial sent out for many years. It grows easily, flowers the first season from seed and continues to bloom during the entire summer. The flowers are borne on long stems, are of a lovely bright golden yellow color, remain in perfection a long time when cut, and are a charming flower for ladies' wear.

No. 5356. Pkt. 15 cts.; 2 for 25 cts.

COREOPSIS GRANDIFLORA.

A very pretty and useful Coreopsis, bearing flowers rather larger than Lanceolata, and of a golden orange color.

No. 5361. Pkt. 15 cts.; 2 for 25 cts.

**FRENCH CANNAS.**

A new and profuse flowering class of Cannas that are an indispensable adjunct to every well-ordered flower garden; their charming colors and short compact habit of growth will make them general favorites. They are excellent for forming groups on the lawn or for planting singly in borders and can be flowered easily in pots. We can supply seeds of the following varieties. (For description see Cannas, page xiii. of this supplement.)

Admiral Courbet.
Antoine Chantin.
Commandant Dubois.
Emile Leclaire.
Francois Corbin.
Francois Lapente.

Goury.
Gen. de Negrier.
Isaac Casati.
Jules Chretien.
Louise Chretien.
S. de John Charreton.

Per pkt. of 5 seeds, 25 cts.; collection of 12 sorts, \$2.50. Mixed, per pkt. 5 seeds, 15 cts.; 6 for \$1.00.

DELPHINIUM BRUNONIANUM.

(Musk-scented Larkspur.)

This dwarf species, seed of which is offered for the first time, bears some resemblance to the Delphinium Cashmerianum. It is from the Himalaya Mountains and was found at an altitude of from 14,000 to 18,000 feet. The flowers are larger in size than those of any of the species in cultivation, and of a shade of light-blue somewhat difficult to define. But what renders this introduction more particularly interesting is that its flowers emit a powerful odor of musk, a property unique in the genus, the species hitherto known being entirely devoid of perfume.

No. 5715. Pkt. 30 cts.

DELPHINIUM ZALIL.

A novel color among Larkspurs; the individual flowers are nearly as large as a 25-cent piece, are of a bright sulphur yellow, and are borne on spikes 8 to 16 inches in length. As many of the flowers expand at one time, they show their beauty to advantage. Flowers May to August.

No. 5707. Per pkt. 20 cts.

SNOW WHITE GLADIOLUS, 30 cts. each, 4 for \$1.00. \$2.50 per doz.

DELPHINIUM ROSY SCARLET.

An effective Larkspur, which will be gladly welcomed by all lovers of this class of plants. Its season of blooming lasts until late autumn. In color it is a beautiful shade of rosy scarlet; flowers of good size, and borne on long spikes.

No. 5712. Per pkt. 20 cts.

**MARGUERITE CARNATIONS.**

(*Dianthus Caryophyllus flore pleno.*)

The sensation created by these new Carnations among the entire gardening public can hardly be a matter of surprise if the indisputable advantages they offer be taken into account. These advantages are: the unusually large proportion of good double flowers the seed produces (about 80 per cent. being obtainable), and, what is of the greatest importance, the fact that the seedlings begin to bloom in four months from the time of sowing. By sowing in March and May the grower will be provided with Carnations for cutting the whole year round. Those requiring a constant supply of cut blooms will at once recognize the valuable services it is destined to render and grow it largely, while to every lover of this deservedly popular flower it cannot but be highly interesting.

No. 5428. Pkt. 30 cts.



DOUBLE CORN FLOWER OR BLUE BOTTLE.

DOUBLE CORN FLOWER OR BLUE BOTTLE.

The flowers of this novelty may be compared to those of *Gaillardia Lorenziana*, the disk flowers having developed themselves into tubular, funnel-shaped florets, making handsome globular flower heads of unique beauty. The seed offered contains the well-known varieties in white, pink, light blue, light and dark red, but also some new shades of colors, amongst which the dark red with light blue edges and the white striped with red and blue are the most striking ones. About 60 to 70 per cent. of the seedlings will reproduce themselves true from seed. As an ornamental plant and on account of its continuous bloom and its usefulness for cut flowers this novelty cannot be too highly recommended. (See illustration.)

No. 5464. Pkt. 25 cts.

DAHLIA GRACILIS.

A lovely strain of Dahlias which presents an endless variation of coloring. The flowers are beautifully striped and completely cover the plants. They bloom the first season from seed, and will provide one of the most satisfactory displays for the autumn garden.

No. 5691. Per pkt. 15 cts.

**GLOXINIA DEFIANCE.**

The color may be best described as an intense glowing crimson scarlet, a tone which for richness has not hitherto been found. The flowers are large and the edges of the petals are very delicately frilled, which adds considerably to the refinement of their appearance. It belongs to the erecta class, whose flowers are borne upright. Will give the highest satisfaction to all who grow it. It comes almost true from seed (at the rate of about 95 per cent.).

No. 5866. Pkt. 40 cts.

GLOXINIA HYBRIDA GRANDIFLORA TRICOLOR.

A mixture of the most desirable three or various colored flowers, really the cream of the best only. These should be in every collection.

No. 5867. Pkt. 35 cts.

KALANCHOE CARNEA.

This strikingly beautiful decorative plant commences to flower at Christmas and continues in bloom throughout January and February. Its bright and pleasing color is very attractive during the dull winter months. It attains a height of about 18 inches and is of good bushy habit. The flowers are borne in large clusters, are of wax-like consistency, last a long time in perfection, are of a beautiful delicate pink color, and, in addition, are deliciously fragrant.

No. 5983. Pkt. 25 cts.

SNOW WHITE GLADIOLUS, 30 cts. each, 4 for \$1.00. \$2.50 per doz.

LOBELIA LITTORALIS.

A very pretty variety for growing in the house or greenhouse in hanging pots or baskets. The plants are of trailing habit, often attaining a length of 2 feet. The pure white flowers are borne on upright stems in large numbers. The seed pods when ripe are a purplish red, making the plant as attractive as when in bloom.

No. 6033. Per pkt. 25 cts.

DOUBLE AFRICAN MARIGOLD PRINCESS.

Dwarf, lemon-colored. A selection from early dwarf double African M. and like it about a fortnight earlier than the tall double African M. The flowers are very double and of a light yellow color, very bright and uniform. Flowers most abundantly.

No. 6063. Pkt. 15 cts.



MINA LOBATA.

MINA LOBATA.

Half-hardy Mexican climbing annual. The buds are, at first, of a vivid red, but turn to orange yellow immediately before they open, and when fully expanded the flowers are of a creamy white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet, and constitutes a strikingly beautiful object.

No. 6115. Per pkt. 25 cts.

**OSTROWSKIA MAGNIFICA.**

(Campanula Magnifica.)

A beautiful new Campanula from Bokhara. It forms a bush 4 to 5 feet high, covered with large bell-shaped flowers of a rich dark blue shading to lilac. To our list of perennials it will be a useful addition.

No. 6210. Per pkt. 20 cts.

NASTURTIUMS.

Tall Black Brown. Of a very dark, somewhat smoky brown color, very vigorous and a remarkably profuse flowerer with a dark bronzed foliage.

No. 6166. Pkt. 15 cts.

Dwarf Brown Red. This color is an intermediate one somewhat in the way of those mongrel shades so much in fashion at present; it has the great advantage of setting off other colors remarkably well.

No. 6167. Pkt. 15 cts.

**ECKFORD'S NEW SWEET PEAS.**

These charming additions to the list of Sweet Peas will please all who give them a trial. Mr. Eckford is one of the leading specialists in Sweet Peas in England, and we have no hesitancy in saying that the varieties offered are in every way desirable and true to name, as we have purchased them direct from Mr. Eckford.

Apple Blossom. The standards bright pinkish-rose, the wings bluish, a beautiful shade of Apple Blossom; very pretty and distinct.

No. 6812. Pkt. 15 cts.

Captain of the Blues. The standards bright purple blue, with pale blue wings; a very striking and fine variety.

No. 6804. Pkt. 25 cts.

Empress of India. Clear rosy-pink standards and white wings; large and very pleasing.

No. 6802. Pkt. 25 cts.

Primrose. A near approach to a *Yellow Sweet Pea*, quite novel and distinct in color; the standards and wings pale primrose yellow. Awarded First-Class Certificate by the Floral Committee of the R. H. S. in 1887.

No. 6801. Pkt. 25 cts.

Mrs. Sankey. Pure white, a large bold flower; a fine improvement on all other Whites; very grand.

No. 6803. Pkt. 25 cts.

Splendor. Awarded a First-Class Certificate by the Royal Horticultural Society. Color rich bright pinkish-rose, shaded with crimson; flowers large, and of the finest form; a superbly distinct variety.

No. 6805. Pkt. 15 cts.

ECKFORD'S SWEET PEAS

Varieties sent out in former years.

Boreatton. Fine deep maroon color.

No. 6808. Per pkt. 20 cts.

Cardinal. Bright shining crimson-scarlet; superb.

No. 6813. Per pkt. 20.

ECKFORD'S SWEET PEAS—*Continued.*

Indigo King. Standards dark maroon purple, wings clear indigo blue.

No. 6806. Per pkt. 15 cts.

Isa Eckford. Creamy white, suffused with rosy-pink.

No. 6811. Per pkt. 20 cts.

Princess of Wales. A lovely variety shaded and striped mauve, on a white ground. *First-Class Certificate by the Floral Committee of the R. H. S.*

No. 6807. Per pkt. 15 cts.

Orange Prince. Bright orange pink, flushed with scarlet; very distinct and beautiful.

No. 6003. Per pkt. 30 cts.

Eckford's Large-Flowered, Mixed.

No. 6810. Per pkt. 10 cts. Per oz. 40 cts.

NEW AMERICAN SWEET PEA, BLANCHE FERRY.

Compared with Painted Lady—the most popular sort, on the whole, hitherto—the flowers have a far **deeper, richer coloring and greater fragrance.** Their color when massed presents such a gorgeous picture as to stop the passer-by and elicit expressions of admiration, while their fragrance is so far reaching as to be phenomenal.

Extensive trial another season has justified all our previous claims and proved this to be a distinct, new Sweet Pea of wonderful merit. The Massachusetts Horticultural Society, florists who planted it, and thousands of amateurs who tried it, all unite in giving it words of unstinted praise.

No. 6814. Pkt. 10 cts.



MIKADO POPPY.

This is without doubt one of the showiest Poppies in existence. The sight of the space at the trial grounds last summer was really grand. Flowers are curled like a Japanese Chrysanthemum and are of the most brilliant red shaded with white.

No. 6382. Pkt. 15 cts.

PASSION FLOWER.

(*Passiflora Cœrulea.*)

A hardy easily grown passion flower, bearing large fragrant blooms of a deep blue color. The rays of the corona are in two circles, purple at the bottom, white in the centre and blue at the ends. It dies to the ground during winter, but with a slight covering is perfectly hardy. It is a rapid climber and a vine in every way worth growing.

No. 6252. Per pkt. 15 cts.



PEACOCK PANSY.

A very free blooming and attractive Pansy, throwing blossoms up early, and remaining in perfection a long time. The blossoms are very large, but the sterling characteristic of it is the brilliant and novel coloring.

The upper petals are of a royal purple, shot with peacock blue, the lower petal also of these colors. This peacock blue is a color we have never seen before in Pansies. The two lateral petals are of a rich maroon, all the petals being encircled with a delicate tint of terra cotta rose well defined. The illustrations show the peculiar markings of the face and back of this desirable novelty.

No. 6218. Per pkt. 50 cts.

SNOW WHITE GLADIOLUS, 30 cts. each, 4 for \$1.00. \$2.50 per doz.

PHLOX DRUMMONDI CUSPIDATA LIGHT BALL.

A dwarf Phlox so close and dense that each plant forms itself into a perfect ball 6 to 8 inches in diameter; specially adapted to pot culture.

No. 6352 Mixed. Pkt. 25 cts.

SALVIA COCCINEA LACTEA.

A pure white Sage of the same form and habit as *Salvia Coccinea*. A free blooming and easily grown variety.

No. 6499. Pkt. 20 cts.



EVER-BLOOMING WHITE VIOLET.

(*Viola Cucullata Alba*.)

The most profuse blooming white Violet. The plants are compact and are in bloom from October until May. The flowers are produced on long stems and stand erect over the soft green foliage. It has bloomed in the sunny situation as well as in the shade, and is very easily cultivated. Absolutely constant from seed.

No. 6728. Pkt. 25 cts.



ZINNIA ELEGANS TOM THUMB.

Excepting a small percentage of plants which show a tendency to revert to the original taller forms, the height of the Tom Thumb Zinnias varies from 4 to 12 inches and their diameter from 6 to 14 inches. They form charming, compact, free-flowering, pigny bushes, the blooms of which resemble those of the Pompon Zinnias. It is hardly necessary to say that they are especially suited for edgings, small beds, and groups; that they also constitute exceedingly pretty objects when grown in pots.

No. 6786. Pkt. 15 cts.



TYDÆA HYBRIDA GRANDIFLORA.

One of the most valuable greenhouse plants. It stands in favor with the well-known Cinerarias and is a fit companion to them. The flowers are mostly tinged and spotted with brown, yellow, carmine, scarlet and white, which render it with the velvety green and brown foliage a decorative plant which should be in every greenhouse and conservatory. The above illustration is a true representation.

No. 6688. 50 cts.

WALLFLOWER PRIMROSE DAME.

Of the same sturdy compact habit of growth as the Golden Tom Thumb; this new Wallflower is entirely different in color of flower from any sort yet known, being of a beautiful clear primrose yellow, a color which contrasts well with the dark green foliage, and will render it a valuable plant for spring beds, and also for cutting purposes.

No. 6732. Pkt. 20 cts.

VERBENA COMPACTA, SNOWBALL.

This variety grows into a compact bush instead of being of straggling habit. For planting among Phlox and other bushy plants it will be found invaluable. The umbels are large and bear medium-sized pure white flowers. As it can be kept down to a height of 5 or 6 inches, it will doubtless prove of value as an edging plant.

No. 6711. Pkt. 25 cts.

© PLANT NOVELTIES FOR 1890. ©

ACHILLEA SERRATA PLENA (*The Pearl*).

A grand acquisition and a splendid improvement on the old Achillea, fl. pl. The flowers, which are borne in the greatest profusion the entire summer and fall on strong, erect stems, are of the purest white color, not unlike a Pomponne Chrysanthemum. As a summer cut-flower it is without an equal. It is perfectly hardy and will grow in any position. 25 cts. each; \$2.50 per doz.

ALLAMANDA WARDLEYANA.

A very showy greenhouse climber, bearing large and beautiful golden yellow flowers six inches in diameter. It blooms in clusters and is superior in coloring and size to any of the Allamandas. Will thrive in warm houses, though greenhouse treatment enhances its beauty. 50 cts. each; \$5.00 per doz.

ARISTOLOCHIA CYMBIFERA (*Boat Flowered*).

A very showy climbing Aristolochia, bearing flowers of a peculiar and distinct boat shape. In color a lovely mixture of purple and brown. 50 cts. each.

BEGONIAS.

Argentea Guttata. A cross between Begonia Olbia and Alba Picta; foliage of good size, of a rich green spotted with silver; a beautiful Begonia. 50 cts. each.

M. Hardy. A distinct and pretty variety with deep green foliage, spotted with silvery pink and covered with a red down or hair, giving the foliage a handsome appearance. 50 cts.

Mirabunda. One of the prettiest new Begonias; it has large peculiarly shaped leaves, of a rich clear green, marked with large silvery dots and splashes. 50 cts.

BOUVARDIA IVORY WHITE.

An improvement on all the White Bouvardias. The flowers are of a waxy consistency, pure ivory white in color, of large size and borne abundantly in large trusses. The habit of the plant is vigorous. 30 cts. each; \$3.00 per doz.



EULALIA GRACILLIMA UNIVITTATA.

This is a grand addition to the hardy ornamental grasses; it is of a more compact habit than the old Japanese varieties, E. Japonica and E. Zebrina. It has very narrow foliage, which is of a bright green color with a silvery white midrib, not unlike Dracena Indivisa; its general habit and appearance is very graceful, and we have no doubt that it will become a general favorite.

50 cts. each, \$4.00 per dozen.

SNOW WHITE GLADIOLUS, 30 cts. each, 4 for \$1.00. \$2.50 per doz.



New Dwarf French Cannas.

Wonderful improvements have been shown in this plant the past few years and every season adds some striking novelties. Our collections this year are far ahead of anything offered before, and embrace all the European introductions of 1889. The spikes of large flowers somewhat resemble Gladiolus, but their much more brilliant colors show grandly against the tropical foliage, which seldom exceeds four feet in height; the flowers range in color from the deepest crimson, orange scarlet, and salmon to light yellow, many being beautifully mottled and streaked, and are frequently compared to orchid flowers on account of their delicate markings.

They are really a plant for everybody, being entirely free from insects and succeed in all kinds of weather, wet or dry, blooming without intermission from early in June until cut down by severe frost. The roots can be wintered in a dry cellar like Dahlias, or may be potted and kept in bloom the greater part of the winter.

COLLECTION A.

- Admiral Courbet.** Flowers very large, of a light lemon yellow, flamed, striped and spotted with crimson; foliage pea-green. 3 feet high.
- Antoine Chantin.** A most distinct and vigorous growing variety, with bright green foliage, with very large flowers of a bright orange scarlet overlaid with crimson. 4 feet.
- Antoine Crozy.** Rich deep green foliage, a strong vigorous grower and free blooming; flowers of a bright cherry carmine, very effective. 4½ feet.
- Enfant du Rhone.** Flowers very large, of a rich crimson scarlet; foliage bright green. 4 feet.
- Francoise Lapente.** Foliage deep green with purple ribs and veins, flowers of medium size but of a most intense rich dazzling crimson; handsome and attractive. 4½ feet.
- General de Negrier.** Flowers of fair size, produced in immense trusses of a bright crimson color overlaid with violet, foliage rich bronzy purple. 4 feet.
- Geoffroy St. Hillaire.** A strong growing and very free flowering variety, with rich bronzy purple foliage, and large well-shaped flowers of a rich glowing scarlet overlaid with orange; a most distinct and showy variety. 4½ feet.
- Jules Chretein.** Plant dwarf but very vigorous, foliage of a cheerful pleasing green, flowers large with long broad petals of a bright glowing cerise crimson. 3 feet.
- Louis Chretein.** Bright canary yellow, beautifully blotched and spotted with crimson; foliage light green. 4½ feet.
- Mad. Antoinette de Allemany.** Foliage light green, very dwarf, flowers of large size of a rich cinnamon salmon. 2½ feet.
- Princess Lusignani.** Bright glowing orange scarlet shaded crimson, foliage bright green. 3 feet.
- Souv. de Jeanne Charreton.** Rich glowing orange scarlet, very dazzling, the brightest in cultivation; foliage light green. 3 feet.

75 cts. each; set of 12 varieties, \$8.00.

SNOW WHITE GLADIOLUS, 30 cts. each, 4 for \$1.00. \$2.50 per doz.

French Cannas. COLLECTION B.

- Ampere.** Bright green foliage, with large flowers of a bright orange scarlet. 3 feet.
- Commandant Dubois.** A strong vigorous grower with deep green foliage and large flowers of a deep vermilion centre, passing to cinnamon red, edged with yellow. 3 feet.
- Francois Corbin.** Bright yellow, splashed and spotted with crimson; foliage green. 3 feet.
- Joury.** Flowers very large, of a rich, pure salmon, splashed and striped with orange and crimson; foliage pea-green. 2½ feet.
- Isaac Casati.** Strong vigorous grower, foliage green with purple ribs, flowers rich carmine passing to orange scarlet at the edges. 4 feet.
- L. Christen.** Flowers of a rich orange scarlet suffused with carmine; foliage bronzy purple. 4½ feet.
- Jacquemet Bonnefond.** Foliage green with bronzy purple ribs and veins, flowers very large, rich orange scarlet. 3 feet.
- Mme. Oriole.** Foliage green, flowers very large, of a carmine rose color passing to rosy salmon. 3 feet.
- Professor David.** A most distinct, handsome, and novel variety; flowers large, of a deep cinnamon red, edged and streaked with old gold. 3 feet.
- Mme. Liabaud.** Foliage pea-green, short and heavy, flowers large of a bright cerise crimson. 3 feet.
- Souv. de Asa Gray.** Foliage bright green, flowers large, of a light salmon color, flaked and streaked with carmine. 3 feet.
- W. Pfitzer.** Flowers very large, of a bright crimson scarlet color; foliage deep green. 4½ feet.

Price \$1.00 each; the set of 12 varieties for \$10.00. The two collections, twenty-four varieties, one of each, \$17.00.

CANNA FLACCIDA.

A native of Florida and a variety well worthy of general cultivation. It grows two to four feet high, with ample foliage of a pale tender green, and bears an abundance of large lemon yellow flowers. Its general character will make it a favorite.

30 cts. each; \$3.00 per dozen.

NEW FERNS.

Adiantum Dolabriforme. A remarkable Fern of peculiar creeping habit, with long drooping fronds, at the ends of which young plants form; admirably adapted for growing in hanging-baskets.

50 cts. each.

Davallia Fijiensis Plumosa. A charming elegant evergreen Fern, with gracefully arching fronds, very firm and durable in texture, of easy and rapid growth; a most desirable variety for all purposes.

50 cts. each.

Nephrolepis Rufescens Tripinatifida. One of the most beautiful Nephrolepis in cultivation; it is of strong robust growth, and under good cultivation will produce fronds from four to five feet long; the fronds are gracefully arching; the pinnae are curiously divided and overlap in such a manner as to give the entire frond a crested appearance, which is frequently compared to an ostrich-plume. 50 cts. to \$1.00 each.

NEW DOUBLE IVY GERANIUMS

Camille Flammarion. Large full cup-shaped flowers, of a deep rose color, very free.

De Quatrefoies. Very large and free, flowers full, of a violet purple.

Flambeau. Beautiful garnet red, flowers of perfect form.

Le Prophete. Trusses and flowers very large, of a bright rose color.

Raphael. Flowers very full, of a salmon rose color with deeper centre.

35 cts. each; set of 5 for \$1.50.



NEW DAHLIA, WHITE DOVE.

One of the finest White Dahlias for florists' use. It bears its shapely flowers on stems 18 in. to 2 feet long. The blooms are of a size to make them desirable for cut flower-work and are certain to please.

35 cts. each; \$3.50 per dozen.

NEW DWARF DAHLIA, CAMELLIAFLORA.

The loveliest pure White Dahlia yet introduced. It is of dwarf compact habit of growth, and bears profusely its charming flowers on long stems. It can be grown in frames for late autumn blooming, its dwarf and free flowering habit rendering it very useful for this purpose. The cut shown above gives a very fair idea of this sort.

35 cts. each; \$3.50 per dozen.

CARNATION, CHRISTMAS.

This variety is a seedling from Grace Wilder. It is an exceedingly strong, vigorous grower, producing flowers of a lovely shade of pink in the greatest profusion.

25 cts. each, 5 for \$1.00.

NEW FUCHSIAS.

A. de Neuville. Flowers very large, corolla large and double reddish violet, sepals recurved wine red.

Cie. Leon Tolstoi. Flowers very double, very dark blackish blue color, large dark scarlet sepals.

Edmond About. Flowers very large, sepals large and recurved, bright vermilion, corolla very double, white, tinted rose.

Ernest Renan. Tube short, rosy white, sepals recurved, large single rose-colored corolla.

Gem of Lavington. Corolla single, of a rosy carmine tinted violet.

M. Berand Massard. Sepals recurved, clear red, corolla double, lilac slate color.

President Carnot. Very free flowering, double, corolla violet, sepals recurved of wine red color.

35 cts. each; set of seven for \$2.00.

SNOW WHITE GLADIOLUS, 30 cts. each, 4 for \$1.00. \$2.50 per doz.



HARRY E. WIDENER.

Hill's New Chrysanthemums.

Clara Riemen. Certificate of merit by the National Chrysanthemum Committee at Indianapolis show. A rich lavender rose in color, shading to silvery rose, with a white centre. A very large open surfaced flower of fine texture.

Crown Prince. A splendid improvement on Mrs. C. H. Wheeler, with broader petals, and of a deeper hue of color. One-third larger than any in this class. Color blood red on upper surface; old gold beneath. Fine incurved form. Early bloomer.

Harry E. Widener. Winner of the Blanc prize at the Philadelphia show, November last, "for the best seedling plant." This is unquestionably the variety of the year, and unequalled in its color by any. Bright lemon-yellow without shadings. Flower large, on stiff, stout stems that hold the flowers erect, without support; incurving, forming a large rounded surface; petals crisp and stiff; very free in growth, but not coarse. This is the cut flower variety, and all that could be desired in the way of good color, fine form, and lasting qualities.

John Lane. A magnificent pink ball in appearance; fine for pots, splendid for cutting. Color a rose-pink, with peach or light shadings on under side of petals, ends of centre petals tipped with gold. Flowers borne on long, stiff, stout stems. An ideal cut flower.

Mrs. J. T. Emlen. Deep blood-red on upper surface of the petals; under side old gold. A very large incurved flower of splendid shape. Considered a great improvement over Mrs. A. Carnegie, both in size, color and form.

Charles A. Reeser. A novel and peculiar shade of color, quite distinct. A violet pink, without shadings. A fine recurved variety of good habit. Splendid for pots, making a fine exhibition plant.

Carrie Denny. Clear amber, entirely distinct from anything in cultivation. A most novel and striking color. Comes in large spherical balls, incurving and slightly whorled.

Miss Mary Weightman. A magnificent and very distinct chrome yellow, in form loose and feathery, but very large and full. Flowers 10 inches across. Early. One of the best commercial.

Mrs. Winthrop Sargeant. Brilliant straw color, incurved, carrying its flowers on long, stiff stems. Very large, if not the largest in this line of color. A large, grand flower.

Molly Bawn. Those acquainted with Syringa will need no word of praise for its sport—Molly Bawn. It is pure white, having been grown two years, which shows its color to be fixed. A most valuable variety, on account of its size, shape and purity.

Mrs. Edmund Smith. A beautiful pure white, of an entirely new type of flower. Pure white, long narrow petals, of great substance and lasting quality; petals beautifully interlaced; entirely new type.

Robert S. Brown. A magnificent dark crimson, like Hon. John Welsh in color but four times as large. Will make a magnificent exhibition variety, either as a cut flower or grown in pots. Fine grower and free bloomer. Color is the richest crimson, very bright.

\$1.00 each; set of 12, \$10.00.



ADA SPAULDING.

Spaulding's New Chrysanthemums.

Ada Spaulding. A striking novelty, without question the finest introduction of the year. Neither Japanese nor Chinese form, but globe shaped. A new type. Has been exhibited 7½ inches in depth by 6½ in diameter. Habit most sturdy and robust; color novel and distinct. The lower half of the flower being a rich deep pink shading in upper portion to the purest pearl white. Petals very large, broad and solid. Awarded, at Indianapolis, the National Prize for best seedling, a Silver Cup, by Mrs. President Harrison.

Addie Decker. A new and dazzling shade mandarin yellow, enlivened with salmon and flame color. A showy variety and the best of recent seedlings.

Antoinette Martin. A glorious Japanese specimen of immense size. Petals curling and intermingling irregularly, forming a compact mass of pink silvery sheen, lower petals lined with bright carmine.

Jas. R. Pitcher. A large reflex flower of the Japanese type, very full and of great depth. Color light delicate blush, turning to pure white as the flower matures. This is a strongly perfumed variety.

Cyclone. An enormous Japanese variety, creamy white. Centre petals arranged in long whorls forming a complete mountain-like effect. This has been known to measure 11 inches in diameter.

Mrs. Pres. Harrison. The largest and richest in color of all the Mrs. Wheeler type, on which it is an improvement both in constitution, size, color and habit.

E. G. Hill. Immense bloom of brightest golden yellow, full and very double. Lower petals sometimes deeply shaded bright carmine. An elegant variety of strong habit. Awarded Certificate of Merit at Indianapolis, and Medal by the Penn. Horticultural Society.

Garnet. Showy Japanese variety, inner side of petals a rich wine red, reverse silvery pink. On first opening petals have peculiar manner of twisting or curling, showing the reverse color. When fully expanded they display the rich red color.

Mrs. Thos. A. Edison. A large incurved flower with compact centre. One mass of long petals of the most delicate rose pink; very free, large and so closely incurved as to resemble a solid ball.

Marie Ward. A grand and beautiful cup-shaped variety. Very double, of large size and color purest snow-white. Petals very long and somewhat narrow. Sport from Mrs. J. N. Gerard, with which it is identical except in color. A fine exhibition variety.

G. P. Rawson. A superb double variety, very large of an entirely new stock. Rich buff with centre petals of bright nankeen and apricot yellow; broad, nearly erect and slightly whorling. Magnificent.

Zenobia. Very large double Japanese variety; long, flat, spreading and drooping petals of purest white. Grows to an immense size. A grand exhibition bloom.

Ready March 1st. \$1.00 each; set of 12, \$10.00.

NEW SALVIAS.

The varieties offered below are entirely distinct from and will make useful companions to the old Scarlet Sage, with which they are identical in habit of growth and freedom of bloom.

Gypsy. Rich blood-red, changing to a rich crimson. | **Prince Ali.** Deepest maroon, opening almost black.
30 cts. each; the two for 50 cts.

* Dyer's *
 * GARDEN CALENDAR *
 FOR 1890.

CONTAINING RELIABLE LISTS OF

* Vegetable, Field and Flower Seeds *
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1838.  
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1890.  
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CHARMING PLANTS FOR ALL SITUATIONS

TOOLS, IMPLEMENTS, FERTILIZERS,
 AND ALL THINGS NECESSARY FOR SUCCESS EXCEPT EXPERIENCE.

HENRY A. DREER,

Seed Store and Offices, 714 Chestnut Street,

GREENHOUSES AND FARM, RIVERTON.
 SEED WAREHOUSE, 11 N. WATER STREET, PHILADA. }

PHILADELPHIA.

DIRECTIONS TO CORRESPONDENTS.

PHILADELPHIA, January 1, 1890.

The attention of our customers is respectfully called to the following instructions, which will, if followed, be an aid to purchasers as well as ourselves. The seeds we offer have been carefully selected, and are from the best growers in this country and abroad. Our plant stocks are in excellent condition, and cannot fail to be satisfactory in every way:

POSTAGE PAID.—We deliver, postage paid, to any Post Office in the United States, **Vegetable and Flower Seeds, in Packets, Ounces and Pounds**, when ordered at retail prices. We also deliver, postage paid, to any Post Office in the United States, **Plants and Bulbs** at the single price, except where noted.

POSTAGE TO REMIT.—As prices of Peas, Beans and Corn are figured without delivery charges, it will be necessary for customers to remit for postage, when ordered to be sent by mail, at the rate of fifteen cents per quart, in addition to price.

EXPRESS.—It will be very much cheaper to the purchaser if goods are ordered to be sent by Express or Freight at their expense, when desired in quantities of several pounds and quarts. In all cases where possible we advise our customers to have their plants forwarded by Express, as larger and finer plants can be sent, and "extras" are added to help defray charges.

FREIGHT.—Fertilizers, Brackets, Rustic Work, Pots, Implements, Insect Destroyers miscellaneous bulky or heavy articles can be sent only by Express or Freight at the purchaser's expense, except where noted.

PACKING.—No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices.

REMITTANCES.—Should be made by Post Office Money Order or Postal Notes, Drafts on Philadelphia or New York banks, or Express Money Orders. Where it is not possible to obtain these, the letters should be registered. Postage Stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill, to facilitate the execution of your orders. During the busy season, to make out bills for customers, charge and in a few days receive the money, make the proper credit and send receipt, requires a large amount of unnecessary work.

C. O. D.—We decline sending perishable goods **Collect on Delivery** to distant points unless a remittance is made on account to guarantee the acceptance.

ORDER EARLY.—It will greatly facilitate shipment if orders are sent in early. We aim to send off all orders the next day after receipt, but during the busy season it is nearly impossible—hence the advisability of ordering early.

ERRORS.—We exercise the utmost care in filling orders, striving to do a little more than we offer, yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact, and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

SAFE ARRIVAL OF PACKAGES.—We endeavor to secure the safe arrival of packages of Seeds, Bulbs and Plants in good condition. Frequently it happens that orders never reach us, or are without signature. When customers fail to receive their packages in a reasonable time, they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods.

NAME AND ADDRESS.—Please remember to write your Name, Post Office, County and State as distinctly as possible, and apart from the body of the letter, to facilitate execution and prevent errors; also the nearest Express Office, or if on a Stage route, send us special directions, giving us the name of the Express Company delivering goods.

PLEASE USE THE ORDER SHEET, AND WRITE THE ORDERS LEGIBLY, apart from the body of the letter, to facilitate execution and prevent errors; orders for *plants* should be on a *separate sheet*; the departments are separate, but shipments of seeds and plants are made in one parcel, to avoid additional Express charges. Address,

HENRY A. DREER,

SEED WAREHOUSE, 714 CHESTNUT STREET,

PHILADELPHIA, PA.

WILLIAM F. DREER.

Lock Box 1618.

Philadelphia, Jan. 1, 1890.



THE dawn of the New Year we send to our customers our Garden Calendar, trusting that the incessant care bestowed on our stocks and the reputation of the house for straight and honest dealing will induce you to place with us your orders for seeds, plants and the necessary appliances for garden and farm operations. Our quarters at 714 Chestnut street having become too small for our rapidly increasing trade, we have leased for storage purposes the warehouse No. 11 North Water St. The past summer we increased our glass surface at Riverton by the addition of three houses, each 125 by 21 feet, built in the most approved and substantial manner. We trust by these additions to our plant to give our customers even better service than we have in the past.

Our seed stocks have been kept up to our high standard of excellence, our plants are well grown and thrifty, our tools and implements are from the best manufacturers in their respective lines, and our fertilizers are of the highest grades procurable. It is our aim to send out only the very best goods at prices commensurate with quality, and not to depreciate quality to obtain cheapness, for in no branch of business do cheap prices depreciate quality quicker than in the seed trade.

In making our Catalogues we give descriptions free from all appearance of outrageousness, and make our engravings as true to type and nature as possible, considering well the fact that a seedsman's Catalogue should be rational in its tone, educational in its matter, and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our Catalogue serviceable as a book of reference, and as clear as possible, so that it will not be simply looked at and then thrown aside.

Our policy has been and still is to send out but few "novelties," believing it to be better to send out the best grades of the old and tried sorts rather than a multitude of "new things," which are new only in name. Among vegetables we can safely recommend Dreer's First-of-All Sweet Corn, an extra early variety, maturing a week to ten days earlier than any yet sent out. Dreer's Excelsior Potato, one of the varieties that has come to stay. Stabler's Nonpareil Sweet Corn, a second early sort that combines so many excellent qualities that it will become a standard variety. Eclipse Asparagus still gains in favor as its merits demand. Of Bush Lima Beans we cannot speak so freely, as our trials confirm us in the opinion that, if fine flavored and prolific Limas are wanted, the pole varieties must still be planted. Cook's Favorite Squash is an excellent variety for table use and for making pies.

Among Flower Seeds we would call attention to the new strains of Sweet Peas and Asters, which will be found very desirable. Peacock Pansy will doubtless prove a source of pleasure owing to its peculiarly brilliant markings. The Poppies, Phlox, Verbenas and Zinnias sent out last season were very fine, and should find this season an increased sale.

To Asters, Balsams, Cinerarias, Phlox, Pansies, Petunias and Primroses, we give special attention, and feel confident our stocks cannot be surpassed.

The very best "novelty" we have to offer among plants is the lovely Dwarf French Cannas, which far surpass in beauty and elegance anything heretofore offered. The flowers are large, finely shaped and of rich shades of color, and devoid of the ragged appearance of many of the tall-growing sorts. No garden will be complete without them. Our general stocks of plants have received our usual care, and we are confident they will please the most exacting. The growing demand for hardy plants has led us to increase our stock, and our customers will find our list contains only really desirable sorts that will bloom freely and require but little care.

For summer decoration of lawns we would recommend Palms as being extremely serviceable, and tending to relieve the monotony of continual beds of Geraniums; for half-shady places Ferns are among the best plants that can be used, while for decorating the greenhouse in summer, Dracenas, Caladiums and Gloxinias interspersed with Ferns will make a usually barren spot a centre of attraction. The hardy climbers we offer are all good, and should be planted freely. Our lists of Roses, Dahlias, Chrysanthemums, etc., contain only reliable sorts that cannot fail to please.

We endeavor to be as liberal as possible in filling orders, and strive to send our customers goods that will be satisfactory in every way.



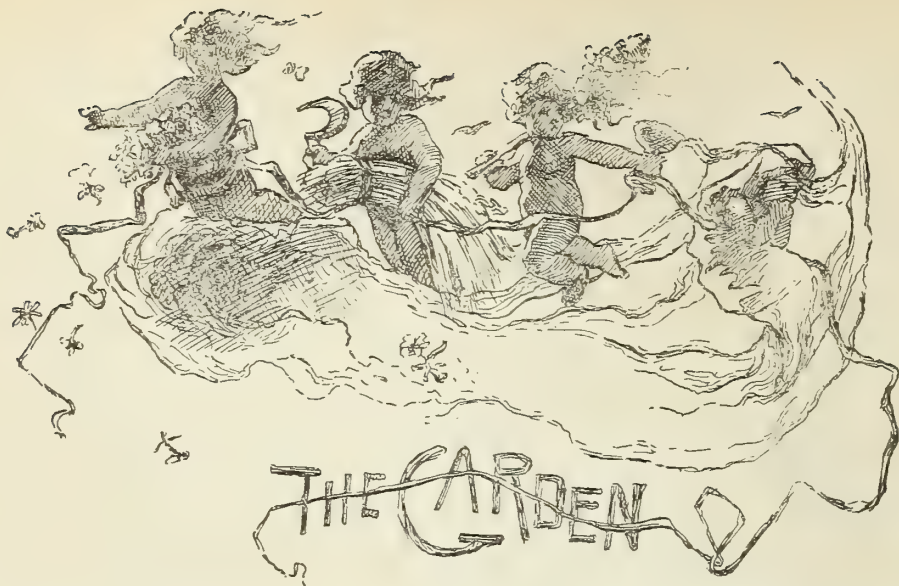
HENRY A. DREER,

714 Chestnut Street,

PHILADELPHIA.

Lock Box 1618.

WM. F. DREER.



Is for comfort and convenience, for luxury even; it is to express civilization and care and design, and to foster the refinement of our natures. In planning it, beauty of form should always be kept in view; for as in a work of art beauty of form is superior to coloring, as it betokens a deeper acquaintance with principles, a higher refinement, so in gardening shapeliness is superior to quantity, and gracefulness of outline to meaningless groups of color. By this we do not in any sense mean that color should be discarded; for beauty of tint and tone are necessary adjuncts of comeliness of form. As a general thing the delicate shades of pink and white, pale blues and greens, and the softer shades of crimson and scarlet, are more expressive of beauty than the positive colors.

Gardening requires talent, the knowledge of the beautiful, the harmony of color, and the ability to grasp ideas and work them out so that the desire may pass from inception to fulfilment. The "styles" of gardening may be stated as three: The Geometrical or Italian, as it is called from its adaptation to Italian forms of architecture; in this style the terrace plays a prominent part, as it can be used most successfully in hilly situations. The "Picturesque," which is almost letting nature alone, or aiding her in intensifying sharpness of detail or raggedness of outline, and is only suitable for rough and hilly sections. Loudon has aptly called the last form the "Gardenesque," for in it are shown varied tastes and methods, the individual preferences which take precedence of style, and which add, after all, the greatest charm to the garden, for they are the most natural. To this latter class belong the groupings of small shrubbery, the beds of perennials, which delight by their apparent disorder, the mixed borders which constantly present a change from grave to gay, from beauty of form and color to that which presents an appearance which would be ill-pleasing were it not for the single redeeming feature of fragrance which charms all the senses through one. For this style of gardening perennials are admirably adapted, for they combine in a marked degree permanence and beauty. The graceful Foxglove delights in half-shaded situations, such as shrubbery affords, and will be in bloom when the shrubs are rich only in foliage. The pretty, nodding Columbine, with its fairy bells, will lend a charm to the rockery or rough situations on hillsides, as it requires but little soil, and bears drouth admirably. For a distant vista through trees Hollyhocks are indispensable, as they not only add beauty to the scene, but also give a sense of increased distance. Tall, hardy grasses, such as the Pampas, Erianthus and Arundos, Castor Oil Bean, Aralias, Palms and Wigandias, properly grouped, will give a tropical effect, and transform barren and unsightly views into scenes of beauty and verdure.



If practicable, the Garden should have a warm and southeasterly exposure. But when the ground slopes to the north and west, it is important to have it located on the sunny side of an orchard or buildings. The most desirable situation possible should be set apart for the kitchen garden, as the exposure has much to do with the early maturity of the crops. The soil must be in a friable state to secure the prompt vegetation of the seeds and the proper growth of the plants. Soils are susceptible of alteration and improvement in texture; heavy clays can be rendered open and porous, and light sandy soils may be consolidated and rendered more retentive of moisture.

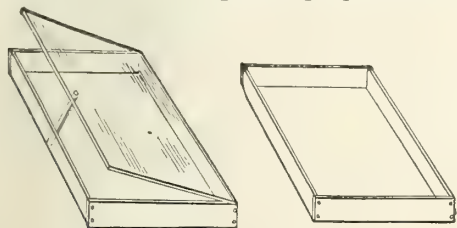
To secure a fair return in seasonable crops, for the labor and outlay invested, it is essential that the soil of the Vegetable Garden should be well drained, thoroughly trenched, and enriched by a judicious application of manure. It is still the current opinion, based on experience, that for all purposes well-composted barn-yard manure, when available, is the best material; but several of the concentrated manures, now manufactured, are useful and convenient, especially for a succession of crops. A very efficient liquid manure, for promoting the growth of vegetables already started, is made by dissolving one pound of pure Peruvian guano in ten gallons of water; it should not be applied oftener than once a week.

The mode of laying out the ground is a matter of taste, and may be left to the gardener himself to determine, the form being of little importance in the production of useful vegetables; and it matters not if the ground is laid out in beds of 4 or 10 feet wide, provided it is well worked and kept neat and free of weeds.

Successful Seed Sowing.

Provided the soil is in a proper state, flower seeds may be sown in the open border in the months of April and May. The seeds should be sown as soon as the soil becomes dry and easily crumbled, after the spring frosts have disappeared. Care should be taken not to sow in a crowded border, as light and air are indispensable. They may also be sown in prepared beds of light, rich soil, and transplanted into the garden. The former is the more simple method, but not always as satisfactory. The better is to sow all fine seeds under glass in a greenhouse, hot-bed, or in the house. As to the depth to which seeds should be covered, the best general rule is to cover fine seeds very lightly, just enough to protect them from the sun; and in extremely dry weather a sprinkling of damp moss is very useful. With very fine seeds it is best to sow on the surface, and press them slightly into the soil. We are convinced that one of the most frequent causes of failure is in sowing the seeds too deep, and seedsmen are unjustly censured, when the fault lies with the cultivator.

The period of sowing has also much to do with success or failure; as a rule, we find the winter months, even with all the appliances a skilful gardener can give, the most unsatisfactory; many instances of which have come under our observation during our long experience.



For sowing seeds, shallow boxes 2 to 3 inches deep, and covered with a light of glass and with open seams at the bottom, so that the water can drain through quickly, are best. (These we keep in stock all ready for use.) The best soil is a mixture of equal parts of sand, leaf-mould, and light, rich garden loam, which should be thoroughly mixed and passed through a coarse sieve; then fill your pots, pans, or boxes within half an inch of the rim; press the soil firmly and evenly. If the soil is dry it is best to water freely a day or two before sowing the seed, to enable the surplus water to drain off. After they are sown cover slightly with fine soil, carefully water with a fine rose or spray dampener, to settle the soil. When they are designed to be grown in the house, the temperature should be as near 60 degrees as possible; place them in a light window facing south or east.

The importance of uniform attention to watering may be best learned by experience and observation, but the inexperienced cultivator may be reminded that to omit a single watering and allow the young plant-germs from seed to remain in a parched state, or a too frequent indiscriminate watering, usually leads to the eventual loss of the whole. As soon as the plants appear, they will require careful attention, as the least over-watering may cause them to "damp off," and suddenly destroy all your hopes. They should now have as much sun as possible, and when the weather is pleasant, some air may be admitted. As soon as the plants are large enough to handle, prick them into other boxes or pots, placing them about 1 inch apart each way; they must be shaded for a few days from the sun, until they are established. When large enough they can be potted in small pots, and kept until the proper season for planting in the garden.

Nature bountifully provides for the reproduction of plants; the difficulty of multiplying by one method is counteracted by the ease with which it may be done by another. When plants are difficult to grow from cuttings, we generally find that they seed freely, thus giving ample means for increase. For instance, the much admired *Centaureas*, so extensively used for edgings, massing or baskets, which are difficult to grow from cuttings, are readily raised from seed; there are numerous varieties having the same nature, which all Florists and Amateurs soon discover by experience.

The germination of many hard seeds, especially among greenhouse or hot-house species, which are almost impervious to moisture, is greatly accelerated by pouring warm water over them, or soaking them over night in camphorated water, and then sowing. Thus treated, the young plants appear in a few weeks; but without such treatment they often lie dormant many months. The varieties of *Acacia*, *Erythrina*, *Canna* and *Smilax* are the most prominent of this class.

Climbers, for garden decorations, should be sown in February and March, the earlier the better, as the display in season will be in proportion to their early vigor.

Calceolarias and **Primulas** are types of a class that require entirely different treatment; to insure success they should be sown in pots or boxes half filled with rough siftings; on this put two inches of fine compost, and sift over this a top-dressing of the same material, using a fine sieve. Sow the seed on the surface and press gently in, using a flat surface. Sprinkle with a fine rose; cover with a pane of glass, and keep shaded from the sun. The surface should be kept damp, and the pots or boxes kept in a moist, warm temperature. As soon as the seedlings are strong enough they must be potted in small pots, in soil prepared as before, and kept in the same situation until well established.

ANNUALS.

Annuals are plants that arrive at perfection, bloom, produce seed, and die the first season. **Hardy Annuals** can be sown in the borders from April to June. **Half-Hardy** and **Tender Annuals** can be sown in March and April in shallow boxes, etc., and placed on a hot-bed; when the plants are large enough, transplant in a cool frame near the glass to harden. In May, when the weather has become favorable, transplant in the borders; the seed may be sown in the open ground in May and June.

Many annuals are very desirable for the greenhouse for winter-blooming, and must be sown in July or August. Of these the most important are *Browallia*, *Candytuft*, *German Stocks*, *Lobelia*, *Mignonette*, *Schizanthus*, *Sweet Alyssum*, and *Dwarf Nasturtiums*. Many varieties, as well as the above, may be sown in the fall and winter for blooming early in the spring, such as *Acroelinium*, *Ageratum*, *Antirrhinum*, *Geranium*, *Dianthus*, *Linum*, *Mimulus*, *Myosotis*, *Pansy*, *Petunias*, *Phlox Drummondii*, *Salpiglossis*, *Salvia*, *Verbena*, *Vinca*, and others which will be found in our full and complete list of the best leading varieties.

BIENNIALS.

Biennials are those that last two seasons; some of the varieties bloom the first year, and remain over winter, flowering again the second year and then die; a slight protection of leaves or coarse manure will be found beneficial.

For summer and autumn flowering the seed should be sown in March and April, and treated the same as half-hardy annuals. Hardy kinds can be sown from April to September in the open border, and transplanted where they are intended to bloom the following year.

PERENNIALS.

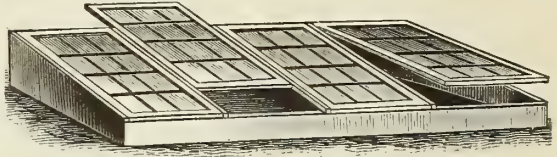
Perennials do not flower until the second year, and the hardy varieties remain in the ground from year to year, and improve by age, forming large clumps or bushes, which are completely covered with their attractive flowers. They should be planted in the borders or beds where they are intended to remain permanently.

The seed may be sown early in the spring with Annuals, or later in the summer in a cool and partially shaded situation, and when large enough transplant to where they are to remain.

The following are among the most desirable: *Campanula*, *Foxglove*, *Hollyhock*, *Larkspur*. *Pinks*, *Sweet William*, *Wallflower*, etc.

THE VEGETABLE GARDEN—ROTATION OF CROPS. A rotation of crops is as essential in vegetable gardening as in farming, as different plants appropriate different ingredients from the soil. Care should be taken that deep-rooted plants, such as Beets, Carrots, Parsnips, etc., are not planted successive seasons on the same soil, but should be followed by those plants whose roots extend but little below the surface, such as Onions, Lettuce, Cabbage, Spinach, etc.; plants of the Brassica, or Cabbage tribe, are apt to become diseased at the roots (club-rooted, as it is termed), if too frequently planted in the same ground.

HOT-BEDS. There are several aids to the economical management of the garden, which are almost indispensable: one of these is the hot-bed for growing early plants or vegetables. A frame, such as is shown in the illustration, may be made of various sizes, according to the size of garden, from two sashes upwards. The sashes are generally made 6 feet long by 3 feet wide, but we consider 4 feet preferable. Use 8 by 10 glass. The entire frame of four sashes is 16 feet 5 inches by 6 feet—allowing 1 inch separation on the bearers. The glass should be imbedded in the putty and secured with points, and well painted every year to keep in repair. After the season for use is past, store them away from the weather or keep in a pile with a board covering. Care in these respects will save considerable annual expense. The hot-bed should have a southern or southeastern exposure, and should be made with fresh horse manure, which must be laid in a heap preparatory to being used; when in a proper state of fermentation, place the frame on the heap. Six inches of rich loamy soil must be spread over the manure, then cover the frame with the sashes, and after standing a few days to allow the rank heat and steam to pass off, the seed can be sown. The heap should be made two feet longer and wider than the frame. Where the ground is well drained, a better plan is to dig out a space the size of the frame from 1 to 2 feet deep, according to the season and the heat required, in which the manure is placed, care being taken to pack it firmly and evenly.



In addition to the hot-bed frame, mats or shutters will be required to cover the sash during cold days and nights.

COLD FRAMES. The cold frame for wintering Cabbage, Cauliflower, Lettuce Plants, etc., should be constructed of 1-inch boards 1 foot high at the back and 9 inches high in front; short posts, set four feet apart, will keep the frame in position. For ordinary gardens a frame 12 to 16 feet long and 6 feet wide will answer all requirements. The shutters should be 6 feet 4 inches long by 3 feet wide, made of common rough boards. The soil should be enriched by old and well-decayed manure; the object being to preserve and not to grow the plants during the winter. Give plenty of air every mild day, but do not expose the plants to the sun when the ground or plants are frozen, as it will destroy them.

Very many who read this article on hot-beds and cold frames do not require the expense for a few vegetable and flower plants. To such there is an excellent substitute on hand in most dwellings, in the kitchen or basement windows, facing south or east, inside of which is a temperature usually not far from that required for the vegetation of seeds, and where seeds of early vegetables, or tender plants for the flower border, may be raised nearly as well, and with far less attention, than in a hot-bed.

IMPLEMENTS. The necessary implements to work the garden are a spade, spading fork, shovel, rakes, hoes, trowel, garden-line and reel, watering-pot, wheelbarrow, and combined seed-drill and cultivator; prices of which will be found in the Tool Department of this catalogue.

WHY SEEDS FAIL. From a conviction that the Seedsman's fair reputation is often unjustly defamed, through the failure of seeds, we would briefly state some of the causes.

Some cultivators, through ignorance or forgetfulness of the fact that the products of a garden, being natives of various soils and climates, require peculiar management, sow the seeds in the ground at improper seasons. To aid such we have prepared brief directions, founded on practical experience in the vicinity of Philadelphia, where gardening operations are generally commenced early in March. These directions may, however, be applied to all other parts of the United States, by an observance of the difference in temperature. Thus, to the North, the directions for March will apply to April; and at the South to January, February or whatever season gardening operations may commence in the respective States. The early and most hardy species and varieties should not be planted until the ground can be brought into good condition, as some species of plants, that in an advanced stage of growth will stand a hard winter, are often cut off by a very slight frost while young, especially if exposed to the sun after a frosty night.

Some species of seed, such as Beans, Beet, Cabbage, Lettuce, Radish, Salsify, Turnip, etc., being from their nature apt to vegetate quickly, are often destroyed while germinating through variability of the weather, and some are liable to be devoured by insects in forty-eight hours after they are sown, and before a plant is seen above the ground, unless a suitable remedy is applied in time to destroy the insects.

Other species, such as Carrots, Celery, Leek, Onion, Parsley, Parsnip, Spinach, etc., being naturally of tardy growth, take (in unfavorable seasons) from two to three or four weeks to vegetate, are apt to perish through incrustation of the soil, or other untoward and unaccountable circumstances, which cannot always be controlled.

Failures often occur through seeds being deposited too deeply in the ground, or left too near the surface. Sometimes, for the want of a proper quantity of seed in a given spot, solitary plants will perish, they not having sufficient strength to open the pores of the earth, and very frequently injudicious management in over manuring and improperly preparing the soil causes defeat.

In some sowings of seed made during dry weather, with a drought following, a total failure often occurs from neglecting to firmly press or roll in the seeds, so that when they germinate the action of the heat and drought may not affect the germ. We are satisfied that thousands of pounds of Turnip, late Cabbage and other summer-sown seeds are annually lost from this neglect. Never tread or roll in the seeds when the ground is wet.

Do not raise Egg Plants, etc., in the same hot-bed with Cabbage, and other half-hardy plants that require air every mild day: by such management one or the other must suffer—heat being the principal requisite of tender plants, and air that of the more hardy varieties.

SEED TESTS, for the protection of the planter and the benefit of the seller, are made thoroughly before the selling season at our extensive greenhouse establishment, where each variety is subjected to the most critical test, which places us in a position to determine the germinating power.

The trial grounds at our Riverton Farm are devoted to the growing of all new and old varieties, and furnish opportunity for comparison of their relative merits, and we are thus enabled to quickly ascertain for our customer's interest, which sorts to recommend or discard.

The annual offerings of supposed new sorts are large, but the real increase of standard varieties is comparatively small. Everything that is of any apparent value is bought and subjected to rigid comparison; if valuable, our customers will find it in our next season's catalogue. The quality and permanency of the novelties we have listed prove the truth of our assertions regarding novelties. The standard varieties are also subjected to careful examination in order that their purity and value may be maintained. The sources of supply are noted, and we are thus enabled to prove which section produces the best of any given article.

DREER'S

RELIABLE VEGETABLE SEEDS.

Our Catalogue comprises all the leading old sorts and those of later introduction possessing sufficient merit to make them worthy of extended cultivation. We aim, while trying everything new that is offered, to include in our list only those that are really an improvement on existing varieties.

ARTICHOKE.

Artischoke, GER. Artichaut, FR. Alcachofa, SP.



ARTICHOKE.

Sow early in April, in rich soil, in drills 1 inch deep, about 12 inches apart, and thin out in the rows to 4 inches apart. When one year old transplant in rows 3 feet apart, and 2 feet in the rows. Protect during winter with a covering of manure or leaves. The bed will remain in bearing for years.

Large Green Globe. The best for general culture. (Of this sort we can offer seed only.) Pkt. 10 cts., oz. 35 cts.

Jerusalem. A hardy and productive plant, used for pickling and feeding stock. Strong tubers. Qt. 25 cts.

Add for postage 20 cts. per qt.

ASPARAGUS ROOTS.

The Asparagus roots we offer are extra strong, two years old, and certain, with proper attention, to produce satisfactory results.

Conover's Colossal. \$1.00 per 100; \$8.00 per 1000.

Dreer's Eclipse. \$1.50 per 100; \$10.00 per 1000.

Add for postage on Asparagus Roots \$1.00 per 100.



IMPROVED EXTRA EARLY RED VALENTINE.

ASPARAGUS.

Spargel, GER. Asperge, FR. Espárragos, SP.



COLOSSAL ASPARAGUS.

Sow in March or April, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 2 feet. Set the plants in rows from 3 to 4 feet apart and 2 feet in the rows, spreading out the roots, and covering from 6 to 8 inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt at the rate of 600 lbs. an acre. Cut for use the second year, after planting in permanent bed.

Conover's Colossal. One of the best varieties, large and productive. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Dreer's Eclipse. Beyond question this is the largest and finest Asparagus. Stalks frequently measure two inches in diameter, and, even when twelve to fifteen inches long, are perfectly tender. It is of remarkably rapid growth and remains in good condition several days after being ready for cutting. Of medium green color, excellent flavor and attractive size, it is destined to become a leading market sort and in large demand for private gardens.

Pkt. 10 cts., oz. 30 cts., 1 lb. \$1.00.

BEANS.

Bush, Dwarf, Snap or String.

Buschbohnen, GER. Haricot Nain, FR. Habas d Frijoleno, SP.

The varieties of this class are tender, and will not bear much cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, and the beans 3 inches apart and 2 inches deep in the rows. Keep well hoed, and draw the earth up to their stems, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.

GREEN PODDED SORTS.

Improved Extra Early Red Valentine. One of the very best sorts for private use or market. The pods are round, fleshy, tender and remain longer in a green state than most varieties. Good for pickling.

Pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

Early Mohawk. The hardest of the early varieties, and will endure a slight frost; also good for autumn pickling.

Pkt. 10 cts., qt. 25 cts., peck \$1.50, bu. \$4.75.

We pay postage on Flower and Garden Seeds except where noted.

Add for postage on Beans 8 cts. per pint, 15 cts. per quart.

GREEN PODDED BUSH BEANS.

Extra Early Refugee. A profuse bearing variety. Pods perfectly round, tender, of attractive color and good flavor. A good sort for market gardeners. One of the very best early sorts.

Pkt. 10 cts., qt. 30 cts., peck \$2.75, bu. \$8.00.

Early Long Yellow Six Weeks. A hardy and prolific variety, a good and reliable cropper.

Pkt. 10 cts., qt. 25 cts., peck \$1.50, bu. \$4.75.

Sion House. The best sort for forcing, as it comes early into bearing and produces long, stringless, mottled pods of excellent quality. This is the variety used by the best growers of early vegetables, and will be found all that is desired in a forcing bean.

Pkt. 15 cts., qt. 40 cts., peck \$2.50.

Low's Champion. The bushes are very stocky and bear pods, four to five inches in length, which are of a beautiful light green color when ready for the table, turning white as they mature, but still fleshy and tender. The pods contain from five to seven large beans of a bright red color and of finest flavor. Excellent as a Shell Bean for summer or winter.

Pkt. 10 cts., qt. 25 cts., peck \$1.50, bu. \$4.75.

Improved Green Flageolet. One of the best. The beans when cooked retain their green color, are of good flavor, and are borne profusely.

Pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

Early White Valentine. The seed being white, gives it additional value, as it can be used as a snap-short or a winter shelled bean. Pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

Boston Pea Bean. An excellent variety of very productive habit, bearing short pods containing five to seven small white beans in each pod; for baking they excel all other sorts.

Pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.



GOLDEN WAX.

GOLDEN PODDED BUSH BEANS.

Golden Wax. Earlier than the Black Wax; pods long, brittle, entirely stringless, of a rich golden color; as a snap-short it excels all others in rich, buttery flavor, while as a bean for winter use it has few equals.

Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$7.00.

Golden Queen. An improvement on Golden Wax from which it is a selection. The pods are large, borne freely in clusters, and are of a beautiful light yellow color. This sort has hitherto successfully withstood the rust, and presented an attractive appearance when other sorts have been destroyed.

Pkt. 15 cts., qt. 50 cts., peck \$3.50, bu. \$10.00.

Wardwell's Wax. One of the very best Wax Beans, bearing long pods, of a delicate waxy yellow, entirely stringless and brittle. Being of fine buttery flavor and a heavy yielder, it will become a standard sort.

Pkt. 10 cts., qt. 40 cts., peck \$2.50, bu. \$8.00.

Date Wax Bean. A very prolific variety, bearing large golden yellow pods, free from strings, and which remain in good condition a long time.

Pkt. 10 cts., qt. 40 cts., peck \$2.25, bu. \$8.00.

White Marrowfat. Extensively grown for sale as a dry bean for winter use, excellent shelled, either green or dry. Pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

White Kidney or Royal Dwarf. A superior kind for baking, and is also excellent when shelled green. Pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

Black Turtle Soup. Used as a winter shelled bean, for which it is much esteemed. It is also used as a substitute in making mock turtle soup. Pkt. 10 cts., qt. 25 cts., peck \$1.50, bu. \$5.00.

HENDERSON'S BUSH LIMA.

(Dwarf Sieva.)

Those who have been deterred from cultivating the Lima Bean, owing to trouble and expense in procuring poles on which to grow them, can plant the **Bush Lima**, as it grows in compact bush form, from fifteen to eighteen inches high, and produces a crop at least *two weeks earlier* than any of the climbing Limas, which can be as easily gathered as the common bush beans. Pkt. 25 cts., qt. \$1.50.

Dwarf Carolina Sieva Lima. Of similar habit and general appearance to the above. Beans of small to medium size. Early and productive, two weeks earlier than Pole Limas. Pkt. 15 cts., qt. \$1.00.

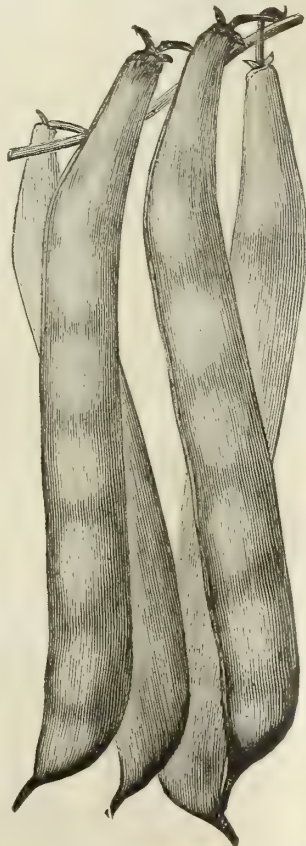
BEANS.

English Dwarf.

Gartenbohnen, GER. *Fève de Marais*, FR. *Habas*, SP.

To succeed well, they must be planted as soon as the frost is out of the ground, in strong, heavy soil, in drills 3 feet apart and 2 inches deep. Pinch off the tops as soon as the lower pods begin to fill.

Broad Windsor. The best for general culture, used only as a shelled bean. Pkt. 10 cts., qt. 40 cts.



WARDWELL'S WAX.

GOLDEN PODDED BUSH BEANS—*Continued.*

Black-Eyed Wax. A cross between the Golden and Blox Wax, combining the best characteristics of each with the advantage of being three to five days earlier than either variety. It is a strong grower, very productive, tender, and of exceptionally fine flavor. The pods closely resemble those of the Black Wax, while the seed beans are marked around the eye with black.

Pkt. 10 cts., qt. 40 cts., peck \$2.50, bu. \$7.00.

Black Wax. One of the best varieties; pods when fit for use are waxy yellow, very tender, delicious and productive.

Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$7.00.

Perfection Wax Bean. An excellent golden podded dwarf Bean. The pods are large and borne profusely; are stringless, tender and of fine flavor. It is remarkably productive, free from blight, and in all respects a desirable sort.

Pkt. 10 cts., qt. 40 cts., peck \$2.25, bu. \$8.00.

White Wax. Pods yellow and of good quality, does not spot easily, and is a good sort for ordinary use; it is also valued for its white seed as a winter shelled bean.

Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$7.00.

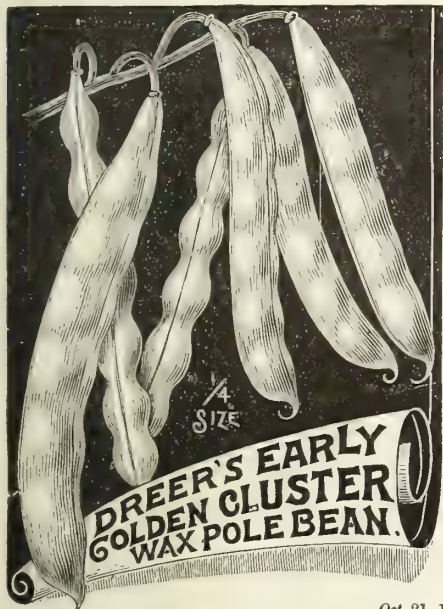


BLACK WAX.

Pole Beans.

Stangen Bohnen, GER. Haricots à rames, FR. Frijol vastago, SP.

All under this head require poles 8 to 10 feet long, and should not be planted until the ground is warm, as they are more tender than the dwarf varieties. Plant about the middle of May if the season is suitable. Lima Beans are apt to rot if planted too early. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. When sowing Lima Beans place the eye downwards, and thin out to 3 plants to a pole, if the soil is rich; pinch off the ends when the plants overrun the top of the poles, to effect more perfect growth below. They succeed best in sandy loam, with a shovelful of rich, light, and well-rotted compost to each hill, well incorporated. Lima Beans for early use may be grown in frames and transplanted.



Oct. 21, 1889.

Mr. DREER: I write to let you know of my success with your Early Golden Cluster Pole Bean. Last spring I sent for a packet, which I planted. I am in the northernmost and coldest part of Canada, and this was an unfavorable season; but in spite of all disadvantages the beans bore a full crop of the largest and finest beans I have ever seen, which ripened for seed—so I think that your bean will grow any place where beans can be grown at all.

CHARLES IVES,

Miscouche, Prince Edwards Island, Canada.

White Dutch Runner. An ornamental variety; large white seed and beautiful clusters of white flowers; good as a shelled bean.

Pkt. 10 cts., qt. 30 cts., peck \$2.00.

DREER'S EARLY GOLDEN CLUSTER

Is without exception the *best* Pole Bean. It bears profusely its long golden-yellow beans in clusters of three to six from bottom to top of pole, and continues in bearing from the middle of July till the vines are cut by frost. Among private gardeners it is taking the place of the dwarf beans, as it furnishes a supply of string beans through the entire season. In all the points requisite to a good bean for market this variety excels, and it will meet the approval of all careful growers. It is distinct in seed, in color and habit of growth. The pods retain their tenderness and plumpness long after the beans have attained a large size, so that only a few days elapse after they cease to be fit for string beans before they are fit to shell. For quality, we have no hesitancy in saying it is the "Acme of Perfection" among pole beans, combining as it does the flavor of the Flageolet with the crisp tenderness of the Golden Wax. Pkt. 15 cts., qt. 50 cts., peck \$3.00.

Black Wax. One of the best to use as a snap-short or shelled in the green state.

Pkt. 10 cts., qt. 40 cts., peck \$2.50.

Giant Wax. Pods from 6 to 9 inches long, thick and fleshy, of a pale yellow, waxy color, very productive and tender when full grown.

Pkt. 10 cts., qt. 40 cts., peck \$2.75.

Southern Prolific. Producing in clusters excellent snap-short beans in 80 days from germination. Vigorous grower, prolific, bearing until killed by frost.

Pkt. 10 cts., qt. 40 cts., peck \$2.75.

Horticultural, or Speckled Cranberry. An old favorite; equally good as a snap-short or shelled in the green or dry state.

Pkt. 10 cts., qt. 40 cts., peck \$2.50.

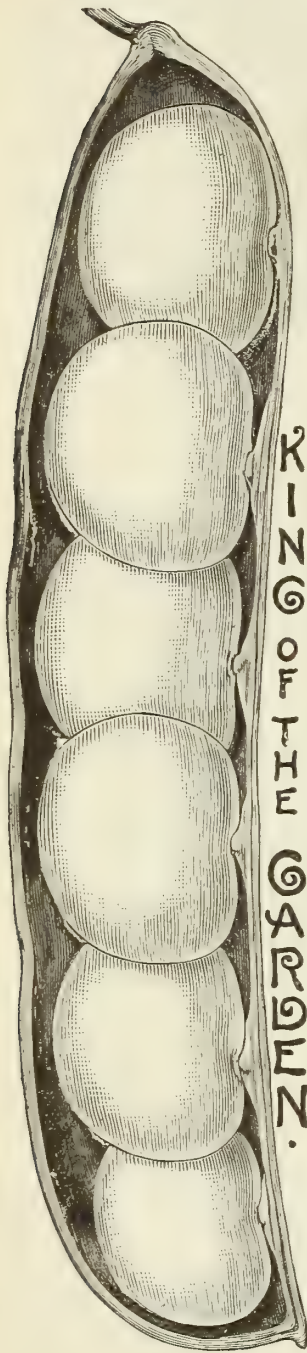
Scarlet Runner. A great favorite, producing clusters of beautiful scarlet flowers, principally grown for ornament; they can also be used as a shelled bean.

Pkt. 10 cts., qt. 30 cts., peck \$2.00.

White Dutch Case Knife. (White seed.) One of the earliest, used as a shelled bean, green or dry.

Pkt. 10 cts., qt. 30 cts., peck \$2.00.

LIMA BEANS.

**Sewee, or Sieva.**

The earliest of the Lima Beans. A prolific bearer, beans small, of good quality, and are ready for picking 10 to 14 days before the Large Lima.

Pkt. 10 cts., qt. 40 cts.,
peck \$2.75, bu. \$10.00.

Extra Early Jersey.

A very early variety, bearing beans similar in size and shape to Large Lima. The pods are short, plump, and are borne in clusters in profusion; the yield will be found nearly equal to Large Lima, with advantage of being quite ten days earlier.

Pkt. 15 cts., qt. 50 cts.,
peck \$2.50, bu. \$12.00.

Large White.

One of the best varieties either green or dry. This sort is grown in large quantities for market, and is too well known to need description.

Pkt. 10 cts., qt. 40 cts.,
peck \$2.75, bu. \$10.00.

King of the Garden.

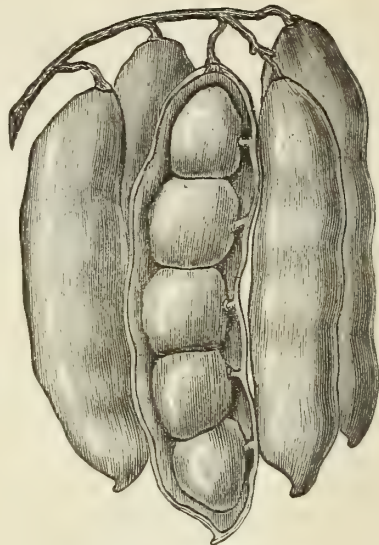
A vigorous grower, bearing profusely, large pods, varying in length from 5 to 8 inches. The beans are large and of rich flavor. As the vines grow luxuriantly, two are sufficient to each pole. When not too closely planted they set beans early, and continue bearing until killed by frost.

Pkt. 10 cts., qt. 40 cts.,
peck \$2.75, bu. \$10.00.

DREER'S IMPROVED LIMA BEAN.

A very productive variety, bearing beans of superior quality; when green they are nearly as large as the Large Lima, thicker, sweeter, more tender and nutritious, remaining green in the pod a long time after maturing, and are in all respects the best bean for family use.

—Pkt. 10 cts., qt. 40 cts., peck \$2.75, bu. \$10.00.

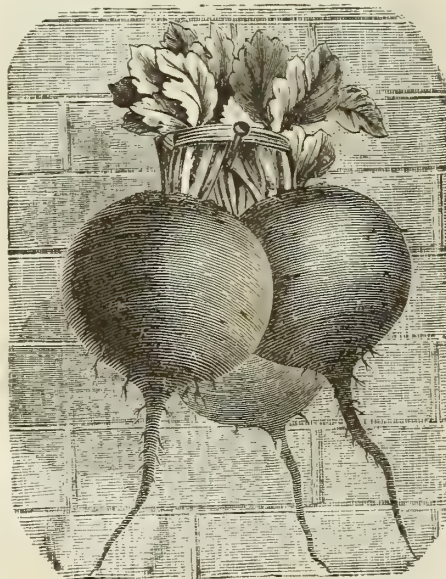


DREER'S IMPROVED LIMA.

✦ **BEETS** ✦

*Rothe oder Runkelrübe, GER. Betterave, FR.
Acelga ò Remolache, SP.*

The soil best suited for Beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand 6 inches apart in rows; continue for a succession as late as the middle of July. Keep well cultivated. To preserve Beets during the winter select a dry piece of ground and put about 20 bushels in a pile, covering with sufficient earth to keep out the frost.



ECLIPSE BEET.

Eclipse. Remarkable for its rapid growth, extreme smallness of top, and extra fine quality. Perfectly smooth and round; skin and flesh intense red; very fine grained and sweet. An excellent sort for forcing.

Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Extra Early Bassano. A very early flat variety, tender, juicy; flesh white and rose colored.

Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Add for postage on Beans 8 cts. per pint, 15 cts. per quart. Quarter bushels and over are sent by express or freight at purchaser's expense.

BEETS—Continued.

Egyptian Turnip. One of the earliest, of good quality and medium size, a fine forcing variety, small top.

Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Edmand's Turnip. An early variety possessing good qualities, flesh dark red and white, sweet and of good flavor. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.



Bastian's Extra Early Turnip. The perfection of a Beet for the market gardener and family use; very early, of quick, large growth, fine turnip form and bright red color, a good forcing variety.

Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Lentz Turnip. Of similar size and shape to the Bastian Turnip; top small; dark red and white; early and profitable for market growers.

Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Early Blood Turnip. Not as early as the Egyptian, but of good quality, blood-red, tender, and good for late keeping.

Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Bastian's Half-Long Blood. Of bright color and excellent quality; a valuable variety to follow Bastian's Extra Early; for winter use plant about the middle of July.

Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Pineapple. An excellent half-long variety, foliage dark red, roots of a rich, deep crimson color.

Pkt. 5 cts., oz. 15 cts., lb. \$1.25.

Improved Long Blood. A good late variety for fall and winter use, sweet and tender.

Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Improved Imperial White Sugar. An improvement on the other varieties of Sugar Beets; more hardy and containing a greater percentage of sugar. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Lane's Improved White Sugar. This Sugar Beet attains a large size, and grows considerably above the ground; fine for feeding.

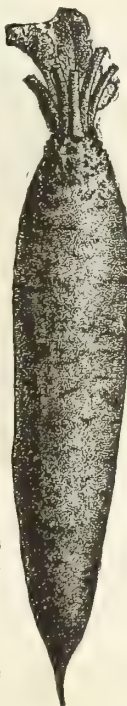
Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Swiss Chard. The midrib is stewed and served as Asparagus, and the leaves used as Spinach.

Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

[For MANGELS, see FARM SEEDS.]

IMPROVED LONG
BLOOD BEET.

**BRUSSELS SPROUTS.**

Rosen-Kohl, GER. Chou de Bruxelles, FR. Bretones, de Bruselas, SP.

Produces on the stem small heads resembling miniature Cabbages. The sprouts are used as greens, and become very tender when touched by the frost. Sow in May, and manage as winter Cabbage.



SUTTON'S MATCHLESS.

Sutton's Matchless.

The leaves of this variety are smaller than those of other kinds; are of a pale green color, and stand out well from the stem. The buttons are large and solid and of delicious flavor, and come into proper condition for use two to three weeks ahead of other sorts. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1, lb. \$3.00.

Improved Dwarf. A standard variety; producing compact sprouts of fine quality. It seldom fails to produce sprouts, and is a good keeper. Pkt. 5 cts., oz. 20 cts., ¼ lb. 75 cts., lb. \$2.50.

BROCCOLI.

Spargel-Kohl, GR. Chou-Brocoli, FR. Brocoli, SP.

Produces heads in autumn like a Cauliflower. Sow about the middle of May; transplant in rich soil and manage as winter Cabbage. For an early crop the seed should be sown in a hot-bed and cultivated as early Cauliflower. It succeeds best in a moist soil and cool climate; in the South it can be had in perfection from November to March.



AUTUMN WHITE CAPE BROCCOLI.

Grange's Autumn White Cape. This is the best variety. It bears large, compact heads of a creamy white color and of good flavor, and can be grown where Cauliflower makes an uncertain crop.

Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.50, lb. \$5.00.

CARDON.

Kardonon, GER. Cardon, FR. Cardo Hortense, SP.

The stems of the leaves, which are thick and crisp, are the eatable parts, and are generally used in soups or stews, after being blanched in the same manner as Celery. They are in perfection during the autumn and winter. Sow in April in drills one inch deep; when one year old transplant in trenches of well-manured ground, three feet apart and one foot in the rows; the roots remain from year to year.

Large Solid. The best variety. Pkt. 10 cts., oz. 40 cts.

→ CABBAGE ←

Kopf-Kohl, GER. Chou Pomme ou Gabus, FR. Col ó Repollo, SP.

For very early use sow in January or February in hot-beds; prick out when the plants are strong enough into other hot-beds; or sow in cold frames in March, transplant when danger from killing frosts is passed, to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well-prepared, rich ground, from the 10th to the 25th of September. When the plants are large enough prick them out of the seed-bed into the frames. It is important that the plants should be set down to the first leaf, so that the stem is all under ground. Protect during severe weather with a covering of glass, and give plenty of air and light during mild days. The plants are usually set out from the middle of March to the middle of April, in rows about 2 feet apart and 18 inches in the row. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July, in rows 2½ feet apart, and 2 feet in the row. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed. The late plants are subject to attacks of the cabbage-fly, which destroys them as fast as they appear above ground. To preserve the plants sprinkle them with wood-ashes, air-slacked lime, plaster, slug-shot or tobacco dust early in the morning while the plants are wet with dew.

EXTRA EARLY VARIETIES.

Early Jersey Wakefield.

The leading market gardener's variety and the best for early private use. It is very early, of excellent flavor, of good size and sure to head; extra fine selected stock. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25, lb. \$4.00.

Etampes. A very early sort producing medium-sized heads, very sharply pointed; it grows quickly, is mild flavored and is for private gardens a desirable sort. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25, lb. \$4.00.

Early Winnigstadt. A solid and tender variety; good for either early or late; in some sections the best early sort. Desirable for private gardens. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75.



EARLY JERSEY WAKEFIELD.



EARLY WINNIGSTADT.

Early French Oxheart. A leading variety among the market gardeners, heads very early, tender, and of fine flavor; our seed is selected from extra fine stock. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

Dreer's Large Early York. A superior early-heading robust sort, which makes large heads that do not quickly split open.

Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.



LARGE EARLY JERSEY WAKEFIELD.

SECOND EARLY VARIETIES.

Dreer's Early Drumhead. A favorite with the market gardeners: a second early, large, solid-heading variety, grown with great care for that trade.

Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25, lb. \$4.00.

Large Early Jersey Wakefield. An extra selected sort, producing large solid heads, of good quality. It is only a few days later than Early Jersey Wakefield, which it excels in size and ability to stand without bursting open.

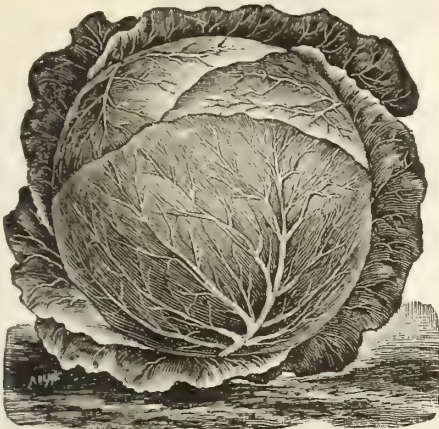
Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.50, lb. \$5.00.

Early Improved Flat Brunswick. The best early Flat Dutch for market gardeners; either as a second early or late sort; short stem, large solid heads; a sure header.

Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.50.

Henderson's Early Summer. A second early sort with large solid heads, coming in a few days later than the Wakefield, and rarely bursting open when fully matured.

Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25, lb. \$4.00.

CABBAGE—*Continued.***SECOND EARLY VARIETIES.**

HENDERSON'S EARLY SUMMER.

Succession. A second early round-headed sort that will doubtless find favor, as it heads very evenly and comes in a few days after Early Wakefield. Of good quality and in all respects a desirable sort.

Pkt. 15 cts., oz. \$1.00., $\frac{1}{4}$ lb. \$3.00, lb. \$10.00.

All Seasons. An early Drumhead Cabbage yielding heads of good size. As a rule the earliest cabbages are only good for *early* marketing; but the heads of this variety, being large and thick through, make it very desirable, either for extreme early spring or fall use. In richness of flavor it is very superior.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.



PERFECTION DRUMHEAD SAVOY.

SAVOY CABBAGE.

Where quality rather than size is desired, the Savoy varieties should always be sown. They have a rich and delicate flavor possessed by no other cabbages.

Green Curled Savoy. Medium size, heads nearly round, deeply curled and tender.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Perfection Drumhead Savoy. Of superior quality; the largest solid-heading Savoy, possessing the rich flavor of the Cauliflower.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

RED CABBAGE.

Early Red Dutch Erfurt. Earlier than the Red Drumhead, but equally as valuable for pickling; when early pickles are desired this sort should be sown.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Red Dutch Drumhead. A large heading variety, fine for pickling. The variety most sown, as it makes large solid heads.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Mammoth Rock Red. The largest and most solid of the Red varieties. A sure heading sort and tender.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.



LARGE LATE FLAT DUTCH.

LATE VARIETIES.

Large Late Drumhead. A favorite winter variety with the market gardener. It bears extra large solid heads, and is a little later than the Flat Dutch.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Large Late Flat Dutch. Short stem and large solid flat heads. Our stock has been carefully selected for several years in order to get a cabbage of this type, and we are confident no better strain is on the market.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Marblehead Mammoth. A large, solid, tender, free-heading winter variety.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

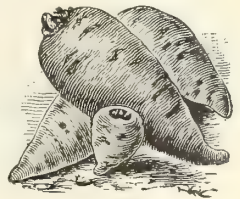
Stonemason. A firm, large heading variety, possessing good keeping qualities. A desirable market sort.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

CHERVIL.

Garten Körbel, GER. Cerfeuil,
FR. Perifoleo, SP.

While young and tender, used as a salad, and for seasoning soups, etc. Of a pleasant aromatic taste. Sow in May, in drills 1 foot apart and half an inch deep, thinning out to stand 1 foot apart in the rows.



CHERVIL.

Curled, or Double. Extra curled moss. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.



CHICORY.

CHICORY.

Cichorie, GER. Chicoree, FR.
Archivoria de Cafe, SP.

Sow in April in drills half an inch deep, in good mellow soil, and cultivate like Carrots. Cut up and dry the roots, roast and grind like coffee. Mix about one-fourth of ground Chicory with the coffee before cooking. The plants can be blanched and used as a salad.

Large Rooted. This variety is grown extensively and is considered the best substitute for coffee.

Pkt. 5 cts., oz. 10 cts., lb. \$1.00.



DREER'S SELECTED DWARF ERFURT CAULIFLOWER.

Cauliflower.

Blumen-Kohl, GER. Chou-Fleur, FR. Coliflor, SP.

Sow for early use about the middle of September or October, in a bed of clean rich earth. Transplant in frames and cover with sashes and shutters during severe weather, giving them light and air every mild day. When this is not practicable, they may be had nearly as well, by sowing the seed in a hot-bed in January or February, and when the plants are large enough transplant 3 inches apart in boxes or in other hot-bed, until time to plant out. If hardened off, they are seldom injured by planting out, as early as the ground can be properly prepared, 2½ feet apart each way. Keep them well hoed, and bring the earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head. The Cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. The late varieties mature in the autumn, and are sown and managed similarly to winter Cabbage.

Dreer's Earliest Snow-Storm. The earliest and best of all for forcing. It is dwarf, with short outer leaves, and can be planted 2 feet apart each way; always sure to make large fine heads earlier than any other, and is the market gardener's favorite. This variety must be kept growing constantly, as it will not stand a check at any period of its growth.

Pkt. 25 cts., oz. \$6.00.

Dreer's Selected Dwarf Erfurt. One of the earliest in cultivation, small-leaved dwarf, for forcing or open ground, producing very solid pure-white heads of the finest quality; it grows about 15 inches high, and in ordinary seasons every plant will produce a marketable head. Pkt. 25 cts., oz. \$4.00.

Early Dwarf Erfurt. An early market variety, very productive, with large, white, compact heads of good quality. Pkt. 20 cts., oz. \$1.50.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hot-bed culture.

Pkt. 25 cts., oz. \$4.00.

Half Early Paris. A popular, white, sure-heading variety, good for early or late use.

Pkt. 15 cts., oz. 75 cts.

Algiers. An extra fine late variety, suitable for market and sure to head. Pkt. 15 cts., oz. \$1.00.

Lenormand's Short Stem. A large, late, short-stemmed variety, with well-formed white heads, of extra quality. Pkt. 15 cts., oz. 75 cts.

Large Late Walcheren. A good old variety, producing large, firm white heads. Pkt. 10 cts., oz. 75 cts.

Veitch's Autumn Giant. One of the finest late varieties, of robust habit, heads large, compact, and thoroughly protected by the leaves. Pkt. 15 cts., oz. \$1.00.

CARROTS.

Möhren, GER. Carotte, FR. Zanahoria, SP.

For an early crop sow as soon as the ground is in working order; for a late crop sow in June and July. The large late varieties are suitable for a main crop. Sow in May and June, in drills about 1 foot apart; thin out to stand 4 inches in the rows. The most suitable ground for Carrots is a rich, deep, sandy loam, deeply cultivated, which has been well manured for previous crop.

Early Short Horn Scarlet. The earliest forcing variety, small root and excellent flavor.

Pkt. 5 cts., oz. 20 cts., ¼ lb. 40 cts., lb. \$1.50.

Early Scarlet Horn. The favorite early red summer variety; fine grained and good flavor.

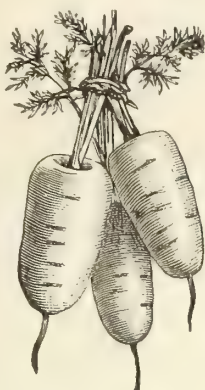
Pkt. 5 cts., oz. 20 cts., ¼ lb. 35 cts., lb. \$1.25.

Early Half-Long Scarlet. A very desirable pointed-rooted variety coming in between the Scarlet Horn and the Long Orange; early, of fine flavor and good color.

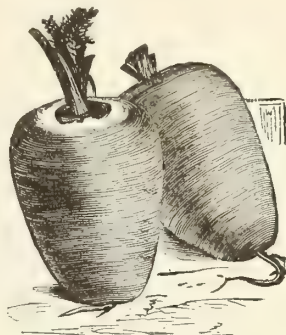
Pkt. 5 cts., oz. 20 cts., ¼ lb. 35 cts., lb. \$1.25.



EARLY SHORT HORN
SCARLET.



EARLY SCARLET HORN.



GUERANDE, OR OXHEART.



EARLY HALF-LONG
CARENTAN.

CARROT—Continued.

Early Half-Long Carentan. An excellent scarlet variety, without core, for forcing or the open ground. In flavor and color it will be found desirable for the table. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Guerande, or Oxheart. Intermediate between the Danvers Half-Long and Short Horn varieties. Of fine quality, and valuable for family and market gardens, as it is of a bright and attractive color, and adds to its other good qualities that of forcing readily. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Danver's Half-Long Scarlet. A rich orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

St. Valery. A desirable sort for private gardens; of rich and attractive color, good size and of fine flavor. It is very productive, a good keeper, and should rapidly find its way into favor. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

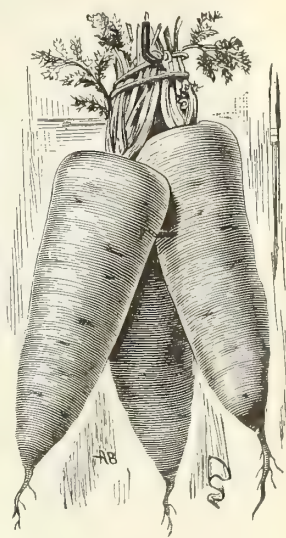
Improved Long Orange. The best late variety, for general field culture. It is an excellent keeper and retains its bright orange color during the winter. Our stock of this sort is selected with great care, and will be found first-rate in every respect. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Long Scarlet Altringham. A large, good-flavored field variety, for table use or feeding stock. Pkt. 5 cts., oz. 20 cts., lb. 80 cts.

Large White Belgian. Grows one-third above ground, large white roots, with green top, grown almost exclusively for feeding stock. Pkt. 5 cts., oz. 20 cts., lb. 80 cts.



IMPROVED LONG ORANGE.



DANVERS HALF-LONG.

CELERIAC.

(Turnip-Rooted Celery.)

Knoll Sellerie, GER. *Celeri-kave*, FR. *Apio-nabo*, SP.

Sow the seed in same way that Celery seed is sown. Transplant in rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots.

Apple-Shaped. An early, smooth variety, having small leaves; the roots are shaped like an apple and are of good flavor. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Giant Smooth Prague. A very large and smooth variety, free from side roots. A desirable sort for market and an excellent keeper. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Turnip-Rooted. A standard old variety, roots large, somewhat rough in appearance, but of good flavor. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.



GIANT SMOOTH PRAGUE CELERIAC.

CELERY

Sellerie, GER. Celeri, FR. Apio, SP.

Sow the last of March or early in April, in an open border, in rich mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant, the dwarf varieties 3 feet, and the taller sorts 4 feet between the rows, plants 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling;" after the soil has been drawn up with the hoe, it is drawn closer around each plant by the hand, to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plough and finishing it with a spade, bringing the earth up nearly to the tops of the plants. If it is intended to store away for winter use, the "handling" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use, select well-drained ground, dig trenches 1 foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.



WHITE PLUME.

WHITE PLUME.

The stalk and portions of the inner leaves and heart are white, so that by tying them up with matting, or simply drawing up the soil against the plant, the work of blanching is completed; while with all the other kinds of Celery, in addition to this, the slow and troublesome process of high "banking" is a necessity. It far exceeds all the other sorts as an ornament, while its qualities are equal to the very best older sorts, being crisp, solid, and having that nutty flavor peculiar to some of the red kinds.

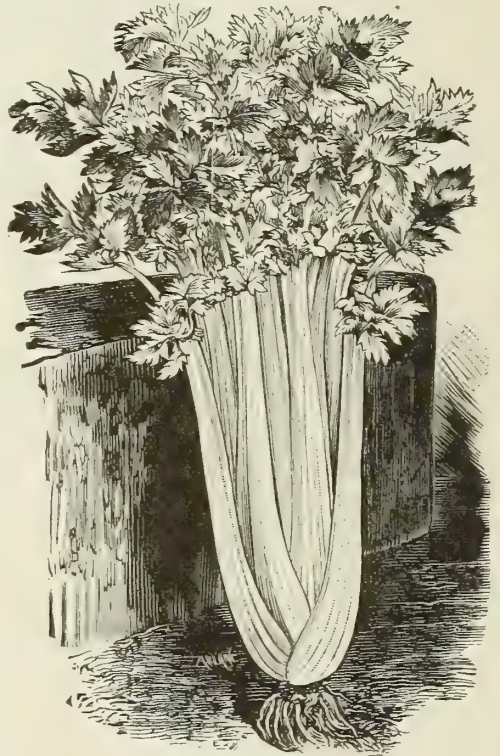
Per pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.00, lb. \$7.00.

Improved Golden Dwarf. The best of the half dwarf varieties, stalks large and full, the heart is golden yellow, turning to a light color when blanched. Very solid, rich flavor and a good keeper.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Giant Pascal. A superior keeping sort. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor free from any trace of bitterness; it blanches very easily and quickly, and retains its freshness a long time after being marketed. The heart is golden yellow, very full and attractive in appearance.

Pkt. 25 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$10.00.



GOLDEN SELF-BLANCHING.

GOLDEN SELF-BLANCHING.

An early, beautiful and in every way desirable sort, requiring but little labor to blanch. The heart is a rich golden yellow, with light yellowish green outer leaves. Of dwarf, compact habit, rich nutty flavor and an excellent sort for table decoration.

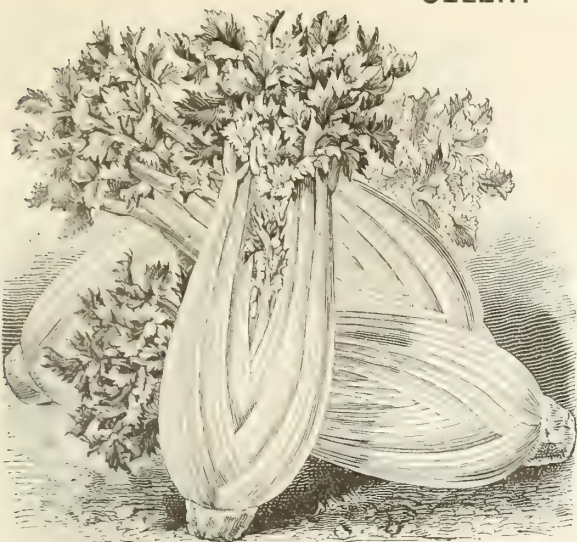
Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50, lb. \$8.00.

Early Arlington. A selection from the Boston Market. It is early and of large growth, desirable for early growing, as it blanches very easily and quickly. It is crisp, solid and of nutty flavor.

Per pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Boston Market. A short, bushy, white, solid, excellent flavored market variety, constantly increasing in demand. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

CELERY—Continued.



PERFECTION HEARTWELL.

PERFECTION HEARTWELL.

A large solid growing variety of excellent flavor and a creamy white color. In size it is between the Golden Dwarf and White Solid. It will make an excellent market sort, as the stalks are clear and attractive in color, and of a size to influence purchasers. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Henderson's Half Dwarf White. Solid, crisp and of a fine nutty flavor.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

New Rose. In this variety we have a combination of the best qualities of Celery. The red sorts far surpass the white in flavor, and possess in their coloring a feature which renders them valuable as a table ornament. This sort should be largely grown, as it is crisp, nutty and of fine color.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Dreer's Large White Solid. Large, solid, blanches perfectly white, of fine flavor, crisp and very tender.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Soup, or Flavoring Celery. Used for flavoring pickles, sauces, etc. Oz. 10 cts., lb. 50 cts.

✻ CORN. ✻

SWEET OR SUGAR.

Welschkorn, GER. Mais, FR. Moiz, SP.

The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill. The extra early varieties can be planted 18 inches in the row and 2½ feet between the rows.

The field varieties should be planted 4 feet apart each way, leaving 3 plants to a hill.

DREER'S
FIRST OF ALL.

The very earliest Sweet Corn, ripening seven to ten days earlier than Cory and of superior quality. Ears medium-sized, very full, sweet and of delicious flavor. No garden will be complete without this sort. Pkt. 25 cts., 3 for 60 cts., 6 for \$1.00.

Adams' Extra Early. The hardiest and earliest variety for table use; it can be planted earlier than any other, but is not a Sweet Corn; white, indented grains and short ear.

Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck \$1.00, bu. \$3.75.

Cory. An excellent sort, very sweet, and of rich flavor; desirable for private or market gardens, as it adds to its good qualities that of being an extra early Sweet Corn.

Ear 10 cts., pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

Extra Early Tom Thumb. One of the sweetest and tenderest of the early dwarf varieties, producing a profusion of good-sized ears in two months from time of planting.

Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

Marblehead. Producing ears of good size and very sweet. It bears a close resemblance to the well-known Narragansett.

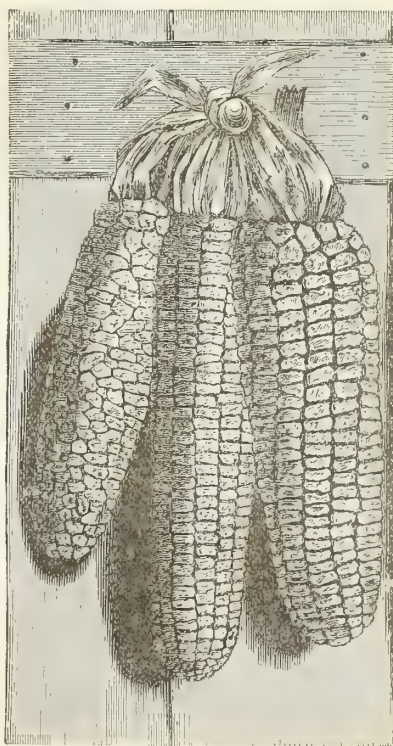
Ear 5 cts., pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

Crosby's Extra Early. A favorite market variety, very early, productive, ears rather short, and of a rich, sugary flavor.

Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

Stabler's Extra Early. Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness and earliness, and is a desirable gardener's and canning variety.

Ear 5 cts., pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.



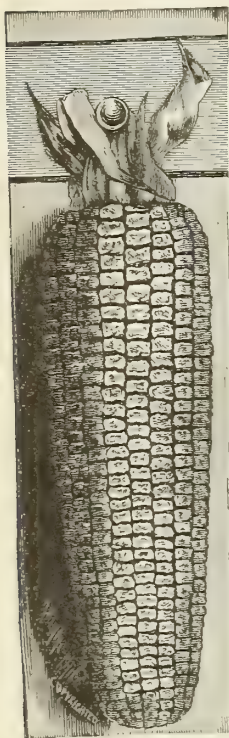
LITTLE GEM. STABLER'S EX. EY. CORY.

Add for postage on Corn 4 cts. per ear, 6 cts. per pint, 12 cts. per quart. Pecks and bushels are sent by express or freight at purchaser's expense.

SWEET CORN—Continued.

Early Minnesota. One of the earliest, habit dwarf, ears small and productive.

Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.



ROSLYN HYBRID.

Black Mexican. A black grained variety, sweet and tender, must be picked young to avoid a black appearance when cooked. Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

Egyptian. A fine large variety, somewhat resembling the Evergreen, flavor peculiarly rich and sweet, and of superior quality. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

Roslyn Hybrid. A medium late variety, which will yield a heavy crop, producing a large ear, very sweet and delicious. Ear 10 cts., pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

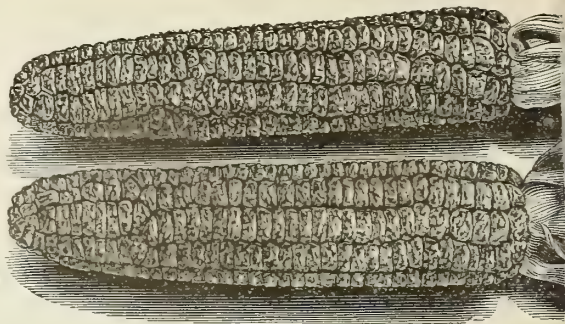
Triumph. Ear large, productive, flavor rich and sweet; a fine market variety. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

Mammoth Sugar. The largest late sort, very productive, of fine flavor. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

Stowell's Evergreen. The latest and one of the sweetest, ears large, deep grained, of excellent quality, remaining green longer than any other variety. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.



BLACK MEXICAN. EVERGREEN. MARBLEHEAD.



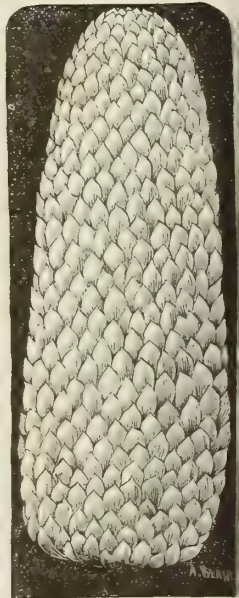
STABLER'S NONPAREIL.

Stabler's Nonpareil. The best second early Corn. It has the most desirable qualities of any Sweet Corn, and is superior in every way to Evergreen. It yields large ears, bearing tender grains of the most delicious flavor. A superior sort for the canning trade. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck \$3.00, bu. \$10.00.

Little Gem. Very sweet and luscious, and especially adapted to family use. It bears 3 to 4 ears on a stalk, and for drying or canning purposes it is incomparably the best, its small size being in large measure atoned for by its productiveness. Ear 5 cts., pkt. 10 cts., qt. 25 cts., peck \$1.50, bu. \$5.00.



GOLDEN QUEEN.



WHITE RICE.

POP CORN.

Cultural directions same as for Sugar Corn. We offer Pop Corn on ear only.

Golden Queen. Cobs long, kernels round and of a light golden yellow color. The best for popping, each kernel making a perfect snow white ball. lb. 25 cts., 10 lbs. \$1.50 by express.

White Rice. A standard variety, cobs short to medium, kernels pointed, pops white and full. lb. 15 cts., 10 lbs. \$1.00 by express.

Pearl. Cobs long and thin, kernels round and white. A good reliable variety for popping or parching. lb. 10 cts., 10 lbs. 75 cts. by express.

Add 8 cts. per lb. for postage.

Add for postage on Corn 4 cts. per ear, 6 cts. per pint, 12 cts. per quart. Pecks and bushels are sent by express or freight at purchaser's expense.

**CORN SALAD.**

(Fetticus.)

Ackersalat, oder Lammersalat, GER. Mache, FR. Canonigos ó Ventricost, SP.

Used as a salad throughout the winter and spring, and extensively grown for market. Sow in spring, in drills 1 foot apart; it will mature in 6 to 8 weeks. For winter and early spring use, sow in drills in August and September. Cover with straw on the approach of winter, the same as Spinach.

Large Seeded. Large leaved, the best variety.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



COLLARDS.

COLLARDS.

Blätter-Khol, GER. Chou-Cabus, FR. Cabu ó Variedad de Col, SP.

Used as a substitute for Cabbage in portions of the South where it is almost impossible to succeed in raising cabbage-heads. Sow from June to August for a succession, and cultivate the same as Cabbage; when large enough transplant in rows 1 foot apart each way, and hoe frequently.

True Georgia, or Creole.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

CUCUMBER.*Gurken, GER. Concombre, FR. Pepino, SP.*

For very early Cucumbers, sow the 1st of April in a hot-bed, upon pieces of sod (grass-side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant if the weather has become settled and warm in hills about 4 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over; they succeed best in a warm, moist, rich, loamy soil; continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July.

Early Cluster. A very early sort, well adapted for forcing or open ground.

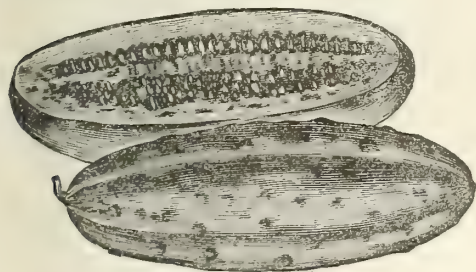
Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Early Frame. A good and popular variety, of medium size, straight, and excellent for table use or pickling.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Early Russian. One of the earliest and hardest; the fruit is small and produced in pairs.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



IMPROVED EARLY WHITE SPINE.

Improved Early White Spine. The favorite market variety, largely used for forcing, and extensively grown South for shipping North early in the season; of medium to large size, deep green, crisp, fine flavor, and very productive.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Nichol's Medium Green. For early forcing, late sowing for pickling, or for ordinary table use this variety will be found useful. It is a dark green color, pleasant flavor, and very productive.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Green Prolific. One of the best pickling varieties, dark green, tender, crisp, very productive, of fine flavor, uniform size, and good for table use.

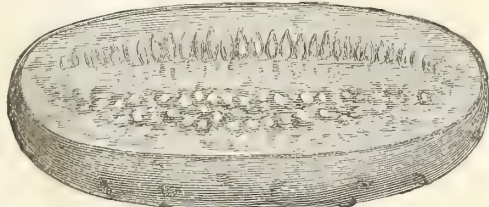
Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



CHICAGO PICKLE.

Chicago Pickle. A variety largely used by pickle manufacturers in Chicago. It is of medium size, a prolific bearer, and combines all the good qualities of an early cucumber.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



NICHOL'S MEDIUM GREEN.



LONG GREEN.

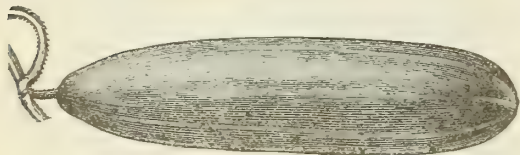
CUCUMBER—*Continued.*

Long Green. The leading long green variety for pickling, of excellent quality and productiveness, fruit dark green, firm and crisp.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.00.

Tailby's Hybrid. A hybrid between White Spine and English Prize, retaining the beauty of the long English and hardness of the White Spine; of large size and excellent for market gardeners or family use.

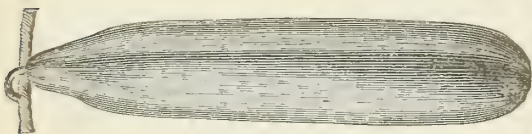
Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



CHINESE LONG-REMAINING GREEN.

Chinese Long-Remaining Green. An excellent sort, combining the size, tenderness and quality of the English Frame varieties. It attains a length of 15 to 20 inches; is of good quality, solid, and has few seeds; medium early. It remains a long time in an edible condition and can be grown to perfection out of doors.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



GIANT PERA.

Giant Pera. A long, smooth, straight, dark green cucumber, attaining a length of 18 inches. Flesh white, crisp, tender, and free from all bitterness. It requires a rich soil and to be grown quickly in order to bring it to perfection.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Small Gherkin, or Burr. Also known as the West India or Jerusalem Pickle; used only for pickling.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

**ENGLISH PRIZE
OR FRAME CUCUMBERS.**

The best for forcing; they can be grown in hot-beds where the temperature does not fall below 65 degrees at night, and will attain a length of 20 to 30 inches. Sow the seed in small pots about the middle of January; when they have grown to three leaves, plant in a prepared hill of rich, loose soil in the centre of a sash. Our packets contain from five to twelve seeds each. The varieties listed are distinct and all desirable: Per pkt. 25 cts.

Blue Gown.
Carter's Model.
Lord Kenyon's Favorite
Marquis of Lorne.

Pearson's Long Gun.
Sion House, Improved.
Telegraph.
Tender and True.



ERFURT WATER CRESS.

CRESS.

Garten und Brunnen Kresse, GER. Cresson, FR. Mas-tuerzo ó Lepidio, SP.

Sow thickly in shallow drills, early in the spring and at intervals throughout the season, for a succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. It is easily introduced by planting along the margins of ditches or streams, and increases rapidly by the spreading of the roots or from the seed. The leaves are eaten with salt, and are of an agreeable, pungent taste.

Extra Curled, or Pepperglass. Fine flavor, and the best sort for dry soils.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Erfurt Water, True. A perennial aquatic plant, with small oval leaves and prostrate habit.

Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.



IMPROVED LARGE-LEAVED DANDELION.

DANDELION.

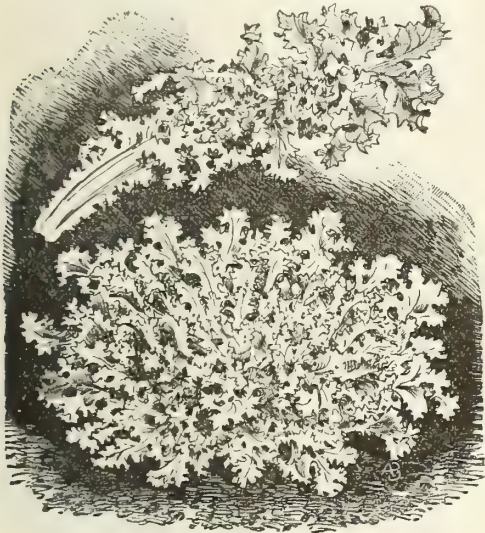
(Taraxacum Dens-Leonis.)

Löwenzahn oder Pardeblume, GER. Pissenlit, FR. Amargon, SP.

The Dandelion is a hardy perennial plant, resembling Endive, and affords one of the earliest and most healthful spring greens or salads. The roots, when dried and roasted, are often used as a substitute for coffee. The seed should be sown early in the spring in drills 12 inches apart, about $\frac{1}{2}$ of an inch deep, and thin out to 6 inches in the drills; the following spring it will be fit for use.

Large-Leaved Improved. Used as spring greens or salad. Pkt. 10 cts., oz. 25 cts., lb. \$2.00.

Thick-Leaved, or Cabbaging. This variety is double the size of the common, and for salad will soon supersede it. Pkt. 10 cts., oz. 50 cts., lb. \$5.00.



GIANT FRINGED ENDIVE.

ENDIVE.

Endivien, GER. Chicoree, FR. Endivia ó Escarola, SP.

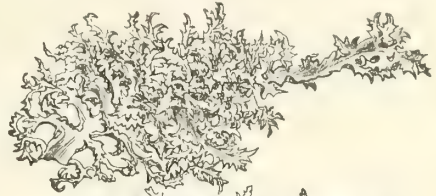
Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When 2 or 3 inches high transplant into good ground, or thin out to 1 foot apart. It requires no special soil or manure, but after being transplanted must be cultivated and kept clear of weeds until it is full grown, when the blanching process begins. This is done by gathering the leaves together into the hand and tying with yarn or bass, to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot; in three or four weeks they will be sufficiently blanched. At the approach of winter the growing crop may be taken up carefully, with a ball of earth to each plant, and planted close together in a frame or dry cellar, when it can be used during the winter prepared and dressed like a salad.

ENDIVE—Continued.

Broad Leaved Ratacian. Leaves broad, light green, nearly plain, used in stews and soups.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Giant Fringed (Oyster Endive). A strong-growing variety with a large white heart and broad stems; the best sort for decorating.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.25.

WHITE CURLED ENDIVE.

Improved Green Curled. An improvement on the old Green Curled variety. The leaves are finely fringed, of a bright green color, and are tender and crisp. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

White Curled (Self-blanching). This is the finest white curled variety, grows to a large size, always crisp and very tender.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

NEW YORK IMPROVED EGG-PLANT.

EGG-PLANT.

Eierpflanze, GER. Aubergine, FR. Berengena, SP.

Sow the seed in hot-beds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out, from the pots, when the season becomes sufficiently warm, in May or June; or they can be transplanted into a second bed to make them strong, until the weather is warm enough to transplant, about 3 feet apart each way, in thoroughly worked and well-enriched soil. Draw the earth up to their stems when about a foot high. Egg-plant seed will

EGG PLANT—*Continued.*

not vegetate freely without a strong uniform heat, and if the plants get the least chilled in the earlier stages of growth they seldom recover. Therefore repeated sowings are sometimes necessary. Care should be observed in cutting the fruit so as not to disturb the roots of the plants.

Early Long Purple. The earliest and hardiest, very productive; fruit from 6 to 10 inches long.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00.

New York Improved Large Purple. The leading market variety; large, round, dark purple, free of thorns, excellent and the most productive variety.

Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.25.

Black Pekin. Fruit purplish black, round to globular, large, solid, smooth and glossy, very prolific, early, and of fine flavor. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.25.

EGG PLANTS. See Vegetable Plants.

FRENCH THYME.

SWEET MARJORAM.



SWEET BASIL.

SAGE.

SUMMER SAVORY.

Herbs.

Herbs, in general, delight in a rich, mellow soil. Those marked with an * are perennial, and when once obtained in the garden may be preserved for years with a little attention. Sow the seeds early in the spring in shallow drills, 1 foot apart; when up a few inches, thin out to proper distances, or transplant. No garden is complete without a few sweet, aromatic or medicinal herbs for flavoring soups, meats, etc., and care should be taken to harvest them properly. They should be cut on a dry day just before they come into full blossom; tied in bunches and hung up or spread thinly on a floor where they can dry quickly; when dry pack in boxes or tins so as to exclude the air.

Anise (*Pimpinelle anisum*). Used for garnishing and flavoring. Pkt. 5 cts., oz. 15 cts., lb. \$1.00.

***Balm** (*Melissa officinalis*). Used for tea or balm wine; height, 1 foot. Pkt. 5 cts., oz. 50 cts.

Balsam Apple (*Momordica balsamina*). For ornament and medicinal use; 10 feet. Pkt. 5 cts., oz. 50 cts.

Balsam Pear (*M. charantia*). Pear shaped, used same as the above; 10 feet. Pkt. 5 cts., oz. 50 cts.

Basil, Sweet (*Ocimum basilicum*). Used for soups, stews and sauces; 1 foot. Pkt. 5 cts., oz. 40 cts.

Bene (*Sesamum orientale*). Used medicinally; 18 inches. Pkt. 5 cts., oz. 20 cts.

Borage (*Borago officinalis*). Excellent for bees, etc.; 3 feet. Pkt. 5 cts., oz. 20 cts.

***Caraway** (*Carum carvi*). For confectionery and medicine, also flavoring; 2 feet.

Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

Castor Oil Bean (*Ricinus communis*). For ornament and medicine; 6 feet.

Pkt. 5 cts., oz. 15 cts., lb. \$1.00.

Coriander (*Coriandrum sativum*). Grown for its seed, also for garnishing; 2 feet.

Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Cumin (*Cuminum cyminum*). Good for pigeons, etc.

Pkt. 5 cts., oz. 15 cts.

HERBS—*Continued.*

Dill (*Anethum graveolens*). The leaves are used in soups, sauces and pickles; also the seed for flavoring; 3 feet.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 60 cts.

***Horehound** (*Marrubium vulgare*). Used medicinally; 2 feet. Pkt. 10 cts., oz. 50 cts.

***Lavender** (*Lavendula vera*). An aromatic medicinal herb; 2 feet. Pkt. 5 cts., oz. 20 cts., lb. \$1.00.

Marigold, Pot (*Calendula officinalis*). For flavoring and medicine; 1 foot. Pkt. 5 cts., oz. 20 cts., lb. \$1.00.

***Fennel, Sweet** (*Anethum feniculum*). The leaves are ornamental; when boiled they are used in fish sauces; 6 feet. Pkt. 5 cts., oz. 15 cts., lb. \$1.00.

Marjoram, Sweet, American (*Origanum marjoram*). Sweet Marjoram grown from American seed is best for winter use, as it makes more bulk; 1 foot.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Marjoram, Sweet, Imported. Imported seed is best to cut when green for summer use, as it grows vigorously, and produces numerous leaves; 1 foot.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Opium Poppy (White Seeded) (*Papaver somniferum*). Used medicinally; 3 feet.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.00.

***Rosemary** (*Rosemarinus officinalis*). An aromatic and ornamental herb; 4 feet. Pkt. 10 cts., oz. 40 cts.

***Rue** (*Ruta graveolens*). For medicinal purposes, good for fowls for the croup; 3 feet. Pkt. 5 cts., oz. 25 cts.

***Sage** (*Salvia officinalis*). The tender leaves and tops are used in sausage, stuffing and sauces; 18 inches.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.00.

Savory, Summer (*Satureia hortensis*). For seasoning purposes; 1 foot. Pkt. 5 cts., oz. 15 cts., lb. \$1.00.

***Savory, Winter** (*Satureia montana*). For same use as the above. Pkt. 10 cts., oz. 40 cts.

***Tansy** (*Tanacetum vulgare*). For medicinal use; 3 feet.

Pkt. 10 cts., oz. 50 cts.

***Thyme, French Summer** (*Thymus vulgaris*). Used for seasoning; 1 foot.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00.

***Wormwood** (*Artemisia absinthium*). Used medicinally, beneficial for poultry, and should be planted in poultry yards. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00.

KALE (BORECOLE).

Grüner oder Blätter Kohl, GER. Chou Vert, FR.
Breton, Sr.

The Kales are more hardy than Cabbage, and make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter.

Sea Kale is much esteemed in England, in some parts of which it grows spontaneously. Sow the seed early in the spring, in well-manured and deeply-dug ground, 1 inch deep, and the rows 2 feet apart; thin out to stand 6 inches in the rows; before winter cover with litter or leaves, and the next spring transplant in hills 3 feet apart each way. A supply may be had all winter by planting the roots closely together in a warm cellar before frost.



DREER'S IMPERIAL KALE

KALE—Continued.

Dreer's Imperial. A beautiful curled and crimped sort. Of strong, vigorous habit, perfectly hardy, attractive appearance and a bright green color. It is superior to all other sorts, and is undoubtedly the best for private gardens.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Dwarf Curled German. Leaves yellowish-green, finely fringed; sow in September for winter and early spring use.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Dwarf Curled Scotch. Leaves bright green, curled, very tender and fine flavored; an excellent sort for private gardens.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



DWARF CURLED SCOTCH.

Norfolk Curled. A very hardy variety, spreading under good cultivation to 3 feet in diameter; leaves bright green and curly.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Tall Red, or Purple Scotch. Foliage of a deep purplish red color, finely fringed and deeply curled; a very pretty decorative plant.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Sea Kale. Grown for its blanched shoots, which are cooked like Asparagus.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00.



TALL SCOTCH KALE.



KOHLE-RABI.

KOHL-RABI.

(Turnip-Rooted Cabbage.)

Kohl-Rabi, GER. *Chou-Rave*, FR. *Col de nabo ó Nabicol*, SP.

An intermediate vegetable between the Cabbage and Turnip, and is a favorite in Europe, especially on the continent, where it is extensively grown for feeding cows, as it imparts no unpleasant taste to the milk. Steadily increasing in use in this country. Sow in April, if the weather is favorable, in rows 18 inches apart, and thin out or transplant in rows, 12 inches apart for the Late White, and 8 inches for the Early Vienna varieties, as they are considered difficult to transplant. When 3 to 4 inches in diameter they are fit to eat. For late use sow in June and July.

Earliest Erfurt. A white, tender variety, with a smooth root and very short top; the best variety for out-door culture.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Early White Vienna. Flesh white and tender, a standard sort for market, table use or forcing; very short top.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Early Purple Vienna. Bluish purple, similar to the above, except in color.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Large Late White. Large white or green, for farm culture, feeding stock or table use.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

✻ **LETTUCE** ✻

Lattich oder, Garten Salat, GER. *Laitue*, FR. *Lechuga*, SP.

Lettuce thrives best in rich, moist ground. For the principal early crop sow the seed in September in the open ground; transplant when large enough into cold frames, and protect the plants during the winter in the same manner as early Cabbage; set the plants out early in April; or sow the seed in hot-beds in February or March, and transplant into a sheltering border with a southern exposure. For successive crops, sowing may be made in the open ground as early as the spring opens, and continuing until July. Always thin out well or the plants will not be strong. When wanted as a cut salad sow the seed thickly in rows or broadcast.

Early Curled Silesia. A fine early curled variety which does not head, leaves large, tender and of fine flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Early Curled Simpson. This does not head, but forms a close, compact mass of leaves; very early, excellent for forcing.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Boston Curled. Of superior quality; does not form solid heads; fine for early use.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

The above varieties are cut when small for salad, and should be sown thickly for this purpose.



EARLY CABBAGE.



YELLOW SEEDED BUTTER.



SILVER BALL.

LETTUCE—Continued.

Early Cabbage, or White Butter. A favorite for sowing in the fall; nearly hardy, requires only a slight protection; produces fine well-formed heads.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Early Tennesball. Black seed. Forms a close, hard head, the best forcing sort.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Boston Market. White seed. Hardy and crisp; the earliest heading variety; one of the best for forcing.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



BOSTON MARKET.

Early Dutch Butter, Spotted. Producing fine large heads of excellent quality, and one of the best forcing and market sorts; also stands the heat well in summer.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Black Seeded Simpson. Produces a compact mass of leaves of a light color, nearly double the size of the ordinary Simpson, standing well the summer heat.

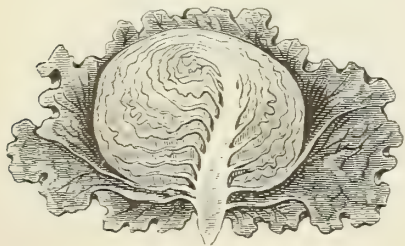
Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Brown Dutch, or Butter. Very hardy, and one of the best for winter use, requiring but a slight protection of salt hay; fine large solid heads.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Defiance. This we consider one of the very best Lettuces ever offered. It is of fine quality, crisp and tender, and remains in prime condition a long time before going to seed. As a summer variety it has already become a standard sort.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



HANSON.

Hanson. A superior curled heading variety, of large size, sweet, tender and crisp, of a beautiful green without and white within, free from any bitter taste, good for summer use or forcing purposes.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Blonde Beauty. A very distinct and desirable summer lettuce. Of a bright golden yellow color, crisp, tender, and capable of standing the heat a long time before bursting open.

Pkt. 15 cts., 2 for 25 cts., oz. \$1.00.

Royal Cabbage, or Summer Drumhead. Heads large, crisp, tender, of good flavor and stand the summer heat well.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Salamander. An excellent summer variety, forming good sized heads, that stand drought and heat longer without injury than any other sort.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Silver Ball. Silvery white, early; very firm and compact; rich flavor.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Sugar Loaf. Very sweet, of pleasant flavor; does not quickly run to seed, and is of attractive appearance.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



SALAMANDER.

Yellow Seeded Butter. A very distinct sort, making a compact yellow head, of excellent flavor, withstands heat well, and remains crisp and tender.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Kingsholm Cos. The finest Cos sort, forming long upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Paris White, or Ice Cos. Forming fine, tender and crisp, white heads.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

The Cos varieties should be tied up a week to blanch before cutting.



SUGAR LOAF.



GIANT CARENTAN.

LEEK.*Lauch*, GER. *Poireau*, FR. *Puerro*, SP.

The Leek is very hardy, of easy culture, and succeeds best in a light rich soil. The whole plant is edible, and is used in soups, boiled with meat, etc. Considered by many as of more delicate flavor than the Onion. Sow early in April, in drills 1 foot apart, and 1 inch deep. When the plants are 6 to 8 inches high, transplant in a deep rich soil in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.

American. Large, hardy, and of excellent quality. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Giant Carentan. The favorite market variety, large thick stem, of mild flavor and attractive appearance. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Musselburgh. Grows to a very large size, with broad leaves, spreading like a fan; hardy and of excellent quality. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

London Flag. An old and popular sort; one of the hardiest and best for winter use. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

MELONS.

Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Musk Melons, 8 feet for Water Melons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of the bugs is over, thin out to 3 plants per hill. When about 1 foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them, as they will hybridize. A few hills, for early use, may be had by sowing on pieces of sod in a hot-bed, and when warm enough transplant to open ground.

MUSK MELON (CANTELOUPE).*Melone*, GER. *Melon Muscade*, FR. *Melones Muscatel*, SP.

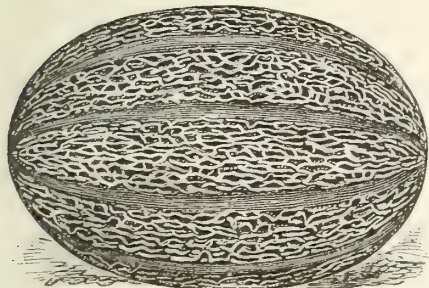
Jenny Lind. The earliest variety; netted, of small round size, excellent flavor.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Golden Jenny. A small, highly prized early variety; the flavor is not equalled by any other sort.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Green Citron Netted. Medium size, deeply netted, nearly round, flesh thick and of delicious flavor.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

BALTIMORE.

Baltimore. An oval green-fleshed Melon, which should be largely grown. It is very productive; of good size, flesh thick and of delicious flavor, and is largely grown by leading market gardeners as being in every way a desirable sort. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



EMERALD GEM.

EMERALD GEM MUSK MELON.

Too much cannot be said of the quality of this prolific Melon. The vines are strong and well set with fruit which ripens early. The rind is thin, of a green color, and the seed cavity small. Almost the entire fruit consists of rich, luscious flesh of a delicate salmon color.

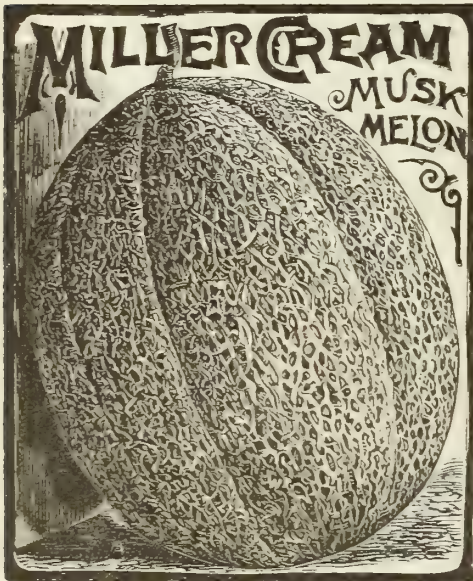
Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$2.00.

Netted Pineapple, or Nutmeg. An excellent Melon, of medium size, flesh green, firm, juicy, and very sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



HACKENSACK.

Hackensack. One of the very best market Melons; of large size and attractive appearance. It is very productive, of excellent flavor, and is grown in some sections to the exclusion of all other sorts. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



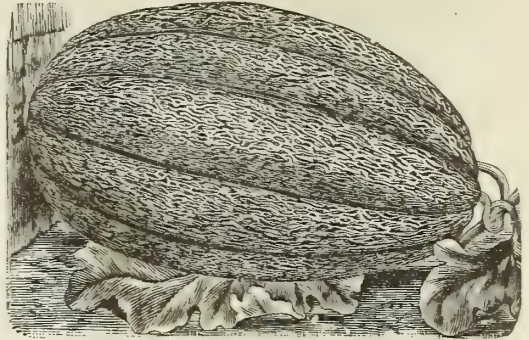
Miller Cream. A remarkably good variety, bearing Melons of large size, oblong in shape, and of delicious flavor and very sweet; flesh rich salmon, very thick and solid. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Osage. A superior variety that will find favor with truckers, as it is an excellent selling sort; its shape, size and flavor will attract customers. Flesh thick, deep salmon color, and sweet.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.00.

Surprise. Of good size, very early, prolific, and one of the finest flavored; flesh deep salmon.

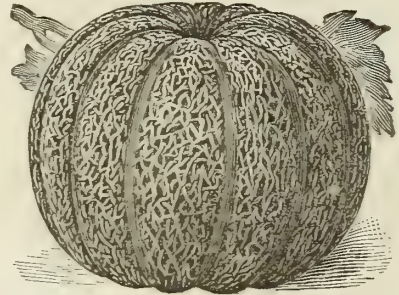
Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



BAY VIEW.

Bay View. A large oval Melon of the Persian type, of superior quality, thin rind, flesh green, firm and sugary. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Casaba, or Persian. Of extraordinary size, very delicious and fine flavor; usual weight from 10 to 15 pounds; prolific, oval, netted, green-fleshed variety. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

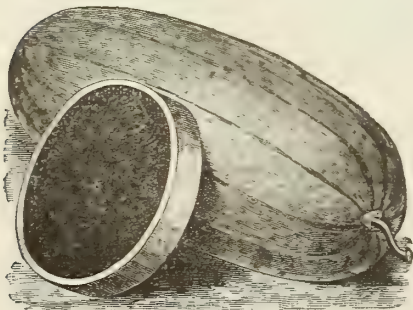


MONTREAL MARKET.

Montreal Market. In size this exceeds all the nutmeg varieties, weighing sometimes thirty pounds. Very uniform in shape; netted, flesh green; quality remarkably good. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Prescott, or Hardy Ridge. Large, round, somewhat flattened, deeply lobed, flesh very thick, of a rich orange color, sweet and delicious flavor. Pkt. 10 cts., oz. 25 cts.

WATER MELONS.



SEMINOLE.

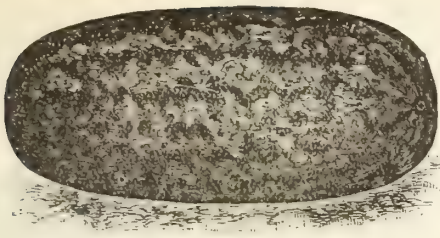
Wasser-Melone, GER. Melon d'Eau, FR. Sandias ó Patillas, Sp.

SEMINOLE.

A new extra early Water Melon, of large size and delicious flavor. It will undoubtedly come rapidly into favor owing to its excellent qualities. Flesh a vivid crimson color; crisp and sugary. The melons are of two colors—gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine and are exactly the same in shape, size, color of seed, flavor and quality. It is a very productive Melon and should be largely grown by farmers and truckers.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Ask for special prices for Melon Seed in large quantities.



FLORIDA FAVORITE.

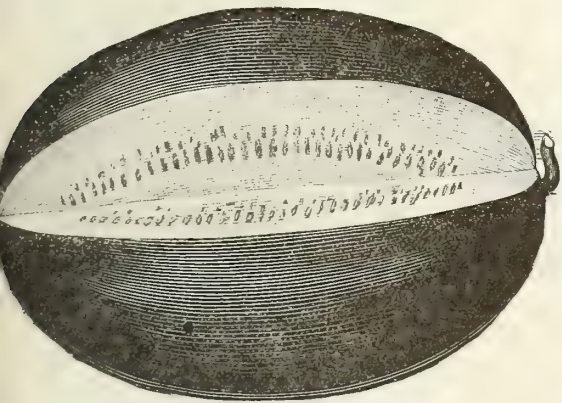
Black Spanish. Solid, very thin rind, flesh scarlet, sweet and luscious; a profitable variety for the market gardener. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Dark Icing. The flavor of this variety cannot be excelled. It is very solid, rind very thin, and highly prized as a shipper; seed white. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Florida Favorite. Of medium size, striped alternately light and dark green, flesh deep red, crisp and deliciously sweet. Earlier than Kolb Gem by two weeks. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Boss. Color dark green, flesh unusually deep scarlet, an excellent shipper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Cuban Queen. One of the largest varieties, ripening to the very centre, heavy cropper, flesh bright red, tender and melting, luscious, crisp, and very sugary. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



GREEN AND GOLD.

GREEN AND GOLD.

A new variety with beautiful golden yellow flesh, free from any tinge of white. The rind is thin and the white $\frac{3}{4}$ to $\frac{1}{2}$ inch in thickness. The flesh is granular in appearance, very juicy, sweet and of delicious flavor. It forms a pretty contrast to the red-fleshed sorts.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

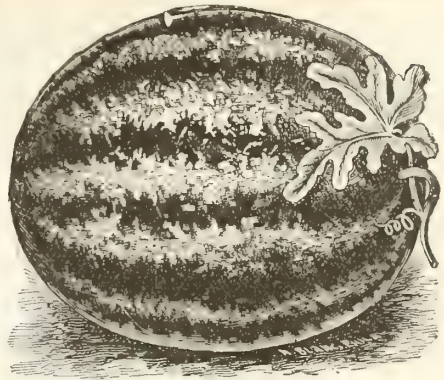
Kolb Gem. This Melon grows to a very large size and is an excellent shipper. Of a delicious sugary flavor, bright red flesh, firm and solid. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Iron Clad. Of large size, and very solid. The rind, though quite thin, is remarkably strong, thus rendering it an excellent shipping sort. It is of a most delicious flavor, and is not surpassed for productiveness. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Mountain Sweet. Early, large, oblong, dark green, thin rind, flesh red, solid, rich and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Hungarian Honey. A small, round, deliciously sweet water melon, suitable for private gardens. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Orange. Flesh red, tender and sweet, separating from the rind like an orange. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



KOLB GEM.

Pride of Georgia. Dark green; oval, and attains a large size; flesh deep red, crisp and sweet. A good shipper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Scaly Bark. A very large oblong variety, with a dark tough rind, which has a peculiar scaly appearance, crimson flesh, very solid, remarkably sweet, and an excellent keeper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Striped Gipsy, or Rattlesnake. An early variety; large, oblong, skin green, mottled and striped, rind thin, flesh crimson, sweet and fine flavored. One of the best shipping sorts. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Volga. A Russian Melon, of excellent quality, perfectly globular in shape, very productive, attaining an average weight of 15 pounds. For private use it should be grown largely, as it is of fine flavor and attractive appearance. The seeds are very small and few in number. Pkt. 5 cts., oz. 20 cts. $\frac{1}{4}$ lb. 50 cts.



COLORADO PRESERVING CITRON.

Colorado Preserving Citron. This variety combines all the best characteristics of a preserving Melon, and often attains a weight of 20 lbs.; flesh white and very firm. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Citron. For preserving only; small, round, flesh white and solid, with red seeds.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

MUSTARD.

Senf, GER. Moutarde, FR. Mostaza, SP.

A small pungent salad used with Cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly, in shallow drills 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded; cut when about 2 inches high. For a crop of seed sow in April, in drills 1 foot apart, and thin out when 3 inches high.

White, or Yellow. For salads and flavoring purposes. Oz. 5 cts., lb. 30 cts.

Black, or Brown. More pungent than the white. Oz. 5 cts., lb. 30 cts.

Chinese. Leaves twice the size of the white, more succulent, deeper green, flavor sweet and pungent, and preferable as a salad. Oz. 10 cts., lb. 75 cts.

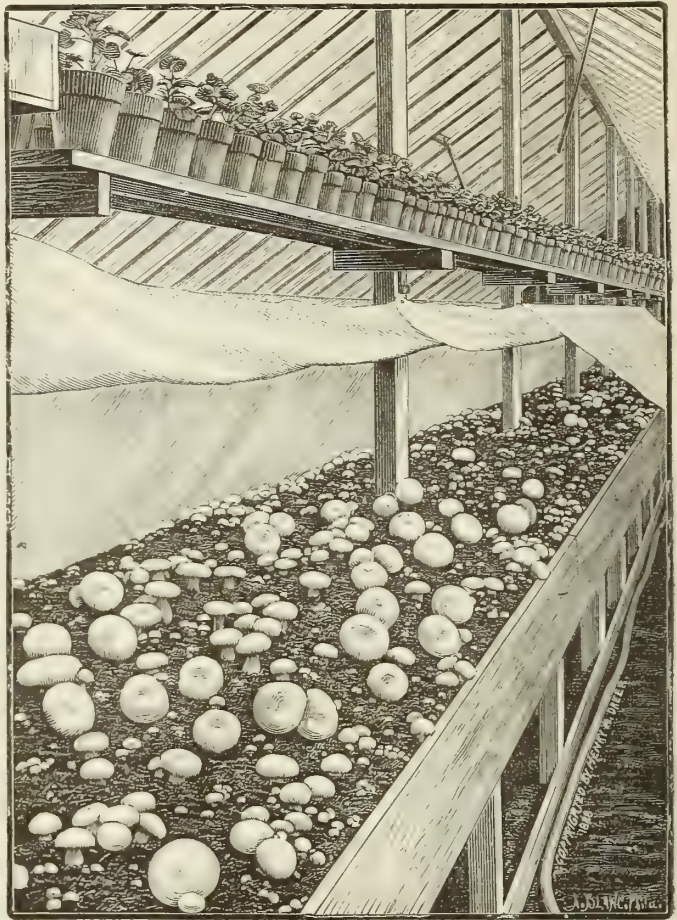
Mushrooms.

*Champignonbrot, GER. Champignon, FR.
Seta ó Huevas de Hongos, SP.*

The cultivation of this nutritious esculent is a very simple matter and requires only ordinary intelligence and care. The materials needed are fresh horse manure, good soil and live spawn. The manure should not be too short, as it does not combine the necessary qualities. Long strawy litter, plentifully mixed with short manure, makes by far the best beds, as it does not heat too violently, decomposes slowly and retains its heat for a long period. Put in a heap and turn every 3 or 4 days to permit the escape of noxious gases and prevent burning. Manure that has become white or "fire-fanged" and mouldy is worthless for mushroom beds. When ready for use it should not possess an offensive odor and should be as hot as can be borne comfortably by the hand. It should also be moist, for if too dry the decomposition of the mass will be rapid and the bed exhausted before the crop has matured. If a shed or cellar is not available they can be grown in the open air, but the time necessary to perfect a crop will be longer. Make the beds 3 feet wide at the base, 2½ feet high, tapering to 6 inches at the top and of any desired length. The manure, when in proper condition, should be quickly handled to prevent the loss of heat and be beaten down to make the heap firm and compact. When of the desired size the sides should be dressed down neatly and the heap covered with long litter. Allow this to remain till the heat has decreased to 90°. At this point the bed is ready to receive the spawn, which is done by raising the manure with the hand and inserting pieces of spawn 2 inches square, 9 inches apart each way. Liberal use of spawn results in larger crops. Many oads fail to give satisfactory returns owing to the bricks being broken in too small pieces. At the expiration of three days the spawn will have commenced to run, and the bed is in proper condition for covering with soil. Any good, fresh soil will answer, but turfy loam from an old pasture or meadow is preferable. If the soil is poor, add a liberal quantity of bone meal. The earth should be just moist enough to press together nicely. If too wet when put on it is apt to crack and thereby permit the heat to escape instead of permeating the bed evenly. If the soil is light, put on to the depth of two inches, but if heavy one inch will be sufficient. The bed should again be covered with the litter, and it should remain on till the bed is exhausted, only removing it to gather the crop. If the bed shows signs of dryness, water on top of the litter, and not directly on the soil.



AGARICUS CAMPESTRIS.



AN EXACT REPRODUCTION FROM A PHOTOGRAPH OF MUSHROOMS GROWN ON A GREENHOUSE BENCH AT THE MODEL FARM, PHILADELPHIA.

Mushrooms can be readily grown in cellars, stables, sheds or pits. The requirements as to manure, soil, etc., are similar, but the season can be prolonged and the temperature regulated more easily than in the open air. Many are successfully grown on a shelf in an ordinary cellar and yield sufficient crop to compensate the grower for his effort. Spent hot-beds also meet the requirements of the mushroom in a large measure. Bits of spawn can be inserted before the bed has become cold between the plants. When the plants are removed keep shaded with long litter and water occasionally if necessary. The space under greenhouse benches or stagings will suit them exactly, using materials in same manner as described. They will also grow admirably on top of the bench, as shown in the illustration, using cloth for shading instead of litter. The time required for a bed to come into bearing is 3 to 6 weeks. In gathering the crop do not cut with a knife, but pull them up with a twisting motion. The spawn we offer is the best French and English. Amateurs and ordinary cultivators will find the English best suited to their needs. Full and explicit instructions are contained in our circular, "How to Grow Mushrooms Successfully," which we will mail free on application.

FRENCH, per lb., 50 cts.; 3 lb. boxes, \$1.25.
ENGLISH, per brick, 20 cts.; \$2.00 per doz.

Add 8 cts. per lb. or 16 cts. per brick if to be forwarded by mail.

**MARTYNIA.***Gemsenhorn, GER. Cornaret, FR. Martina, SP.*

The seed pods are used for pickling, when gathered young and tender. Sow the seed in the open ground in May, in hills 3 feet apart each way, or in a hot-bed, and afterwards transplant. The flowers are borne freely, and the peculiar shape of the pods makes it an attractive plant even for the flower garden.

Proboscidea. Flowers light blue.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

**NASTURTIIUM.**

(Indian Cress.)

Indianische Kresse, oder Kapuziner, GER. Capucien grande, FR. Capuchina ó Berro Indio, SP.

Cultivated both for use and ornament. The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in the spring, in drills about 1 inch deep, in light rich soil, when all danger of frost is over; train the Tall on brush, trellises, or fences, and grow the Dwarf in beds. The flowers are very beautiful and of varying shades of yellow, brown, orange and scarlet.

Tall Orange. The most profitable pickling variety.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Dwarf. Beautiful colors; mixed. Pkt. 5 cts., oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

ONIONS

Zwiebel, GER. Ognon, FR. Cebolla, SP.

For sets, sow the seeds as early as possible in the spring, very thickly, in drills. As soon as the tops die off in summer, remove them to a dry, airy place; and early in the following spring replant by placing the sets in shallow drills 12 inches apart, and about 4 inches apart in the drills; the Onions, by this process, are obtained of a large size early in the season. They may also be grown to full size during the first season by sowing thinly in drills 1 foot apart, and about $\frac{1}{4}$ inch deep, in March, or early in April, in strong land, well manured, and thinning them out to stand 3 or 4 inches apart in the drills, keeping them well hoed and free from weeds; for this purpose the Red Wethersfield and Yellow Danvers are usually preferred. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.

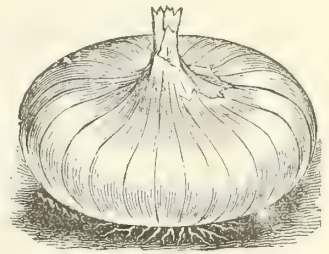
Seed can be sown in August and September, in drills wide enough apart to admit of working; when the plants have grown of sufficient size to be fit for table use thin out to 4 inches apart, to secure a crop of large Onions. This plan works admirably in the South, but will not prove successful where the ground freezes deeply or is subject to constant changes of temperature in spring.



EXTRA EARLY RED.



NEW QUEEN.



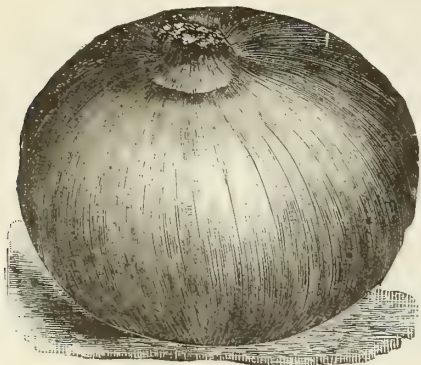
SILVER SKIN.

Extra Early Red. About ten days earlier than the Wethersfield, and somewhat smaller, close-grained and heavy, of mild flavor and an excellent keeper. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$2.00.

New Queen. A rapid growing silver-skinned variety, of mild flavor, early, remarkable for its keeping qualities, and excellent for pickling. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

New Pearl. One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. For the South this is a specially desirable sort, as it grows quickly and can be brought early into the market. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 80 cts., lb. \$2.75.

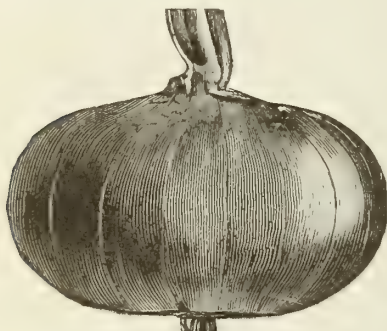
White, or Silver Skin. A mild flavored early variety, extensively grown for pickling, not quite as good a keeper as the Yellow Strasburg. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



YELLOW GLOBE DANVERS.

Danvers Yellow Globe. An early globe-shaped Onion of mild flavor and attractive color. A good keeper and very productive. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Yellow Danvers. An excellent early, oval, straw-colored variety, of mild flavor, productive, and a good keeper. This and the Yellow Strasburg are the leading sorts for northern markets. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



YELLOW STRASBURG

Yellow Strasburg, or Dutch. The leading market variety, a good keeper, and well flavored; bright straw-colored skin and somewhat flattened shape. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Large Red Wethersfield. A leading variety in the Eastern States; it grows to full size the first season from seed, almost round, large size, deep red color, and keeps well. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



SOUTHPORT GLOBE.

Southport Yellow Globe. A very large, handsome globular-shaped, yellow variety, very productive, of mild flavor, excellent keeper.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Southport White Globe. Pure white color, mild flavor, and equally as good for keeping as the yellow sort. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

ITALIAN OR TRIPOLI ONIONS.

The Italian Onions grow very rapidly and attain large size. They are very attractive in appearance, of delicate flavor, free from strong odor, and are very desirable for early use. They are certain croppers and produce remarkably large Onions from seed the first year. Where other varieties have failed, these have proved very successful.



EXTRA EARLY WHITE BARLETTA.

White Barletta. An extra early white onion, ripening 10 days to 2 weeks earlier than New Queen. As a pickling variety it will undoubtedly find favor, while for table use, its mild flavor, pure white color and extreme earliness will make it desirable. Size medium.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



LARGE WHITE TRIPOLI.

Large White Tripoli. An excellent large white variety, of quick growth, mild and pleasant flavor and of a flattened shape.

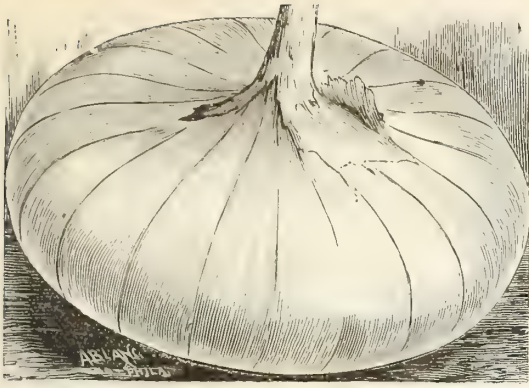
Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Large Red Tripoli. A large, red flat Onion, of delicate flavor. Like the other Italian sorts, it is free from strong aroma, and adds to its other good qualities that of keeping well during the winter.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Red Bassano, or Brown Genoa. A large, deep-reddish broom variety, resembling somewhat the Bermuda type. It is an excellent sort and should be largely grown, as it will prove a good market variety owing to its large size and good keeping quality.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.



MAMMOTH SILVER KING.

This is the largest of the white Italian Onions, and attains an enormous size in one season from seed. This sort is deserving of extensive cultivation, and will be found especially serviceable in the family garden, as it is of mild flavor, attractive appearance and form, and a good keeper. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

OKRA.

(Gombo.)

Essbarer Hibiscus, GER. *Gombo*, FR. *Quimbombo*, SP.

This vegetable is becoming extensively grown. The long young pods of this plant are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart and 1 inch deep; thin out to 10 inches apart in the drills. Hoe often, and earth up a little to support the stems. The very young pods can be gathered and dried for winter use.

Improved Dwarf Green. A very desirable sort for market gardeners, as it is very productive, bears long pods, which remain tender a long time and are free from hard ridges. Will attract attention wherever shown.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Dreer's Little Gem. The best of the Dwarf sorts. Pods long, slender, and of a light green color. They are born profusely, and retain their tenderness till of good size. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

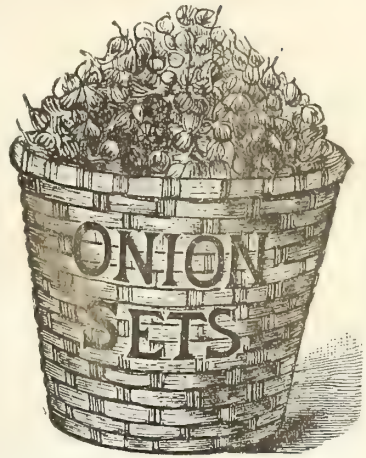
White Creole (*Syn. White Velvet*). This variety is largely grown in the South, and is preferred by many to the green-podded sorts, as it is considered to be more tender and of better flavor. The pods are perfectly round, free from ridges, and are soft and velvety to the touch. They are of unusual size, and of a creamy white color. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



DWARF EXTRA CURLED PARSLEY.

Dwarf Extra Curled. Leaves tender, crimped and very curly, of a beautiful bright green color, and very ornamental; excellent for garnishing.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



Our Onion Sets have been kept in good condition and are re-cleaned.

White. Qt. 25 cts., postpaid 35 cts.; peck \$1.50, bu. \$5.00.

Yellow. Qt. 20 cts., postpaid 30 cts.; peck \$1.00, bu. \$3.50.

Shallots. Fine for flavoring. Qt. 30 cts., postpaid 40 cts.

Garlic. Lb. 20 cts.; postpaid 25 cts.



IMPROVED DWARF OKRA.

PARSLEY.

Petersilie, GER. *Persil*, FR. *Peregil*, SP.

Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April, in rows 1 foot apart and $\frac{1}{2}$ inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar.

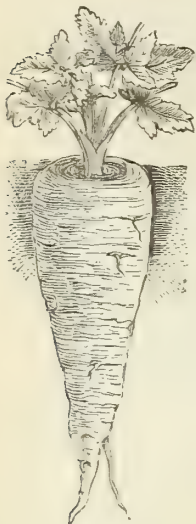
Curled. A good medium curled variety for garnishing and seasoning.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Extra Curled Perpetual. A new and distinct variety of unequalled merit, beautifully crimped and curled. It can be cut the year round, as it rarely runs to seed. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Fern Leaved. Nothing better for garnishing could be desired. As a garden decorative plant it is very ornamental. It will stand the winter if covered before frost. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

PARSNIP.

Pastinake, GER. *Panaïs*, FR. *Pastinaca* & *Chirivia*, SP.

HOLLOW CROWN.

Sow as early in the spring as the weather will admit, in drills 15 inches apart and $\frac{1}{2}$ inch deep, in a rich, deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock as well as for table use.

Large Sugar, or Hollow Crown. The best variety; roots long, very smooth, white, tender, sugary, and of excellent flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Student. A good half-long variety, smooth, sweet and of delicate flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

PEPPER.

Pfeffer, GER. *Piment*, FR. *Pimiento*, SP.

Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild, sweet varieties, like Golden Dawn and Ruby King, are used for Mangoes, while the small fruited sorts are the best for sauces. Sow in hot beds in March or April, or on a warm sheltered border in May, and when the season is favorable transplant in good, rich, mellow ground, in rows 2 feet apart and 18 inches in the rows; hoe frequently to keep down the weeds, and earth up a little at one or two hoeings.



LARGE SWEET BELL.

Large Sweet Bell, or Mountain. A large early variety, of mild flavor, rind thick and fleshy; the best for pickling and pepper sauce or filled as Mangoes.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Golden Dawn. A magnificent yellow Pepper of the bell class; mild and sweet; remarkably productive.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.



CELESTIAL.

Celestial. One of the most prolific of the Peppers. The pods are borne upright; are conical in shape, and vary in color from creamy white when unripe to brilliant scarlet when ready for picking. Whether for culinary or decorative purposes, it will be found very useful. Pkt. 10 cts., 3 for 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5.00.



JAPAN CLUSTER.

Japan Cluster. One of the most desirable Peppers. It bears its bright scarlet fruit in numerous clusters. As a decorative plant for the flower garden, it will be found very useful, as its brilliant scarlet fruit, which ripens early in the season, makes a charming contrast with its deep green leaves.

Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Coral Gem. In the open ground the plants grow to a height of from 24 to 30 inches, so densely set with pods as to bend its branches down. This will become popular as well as profitable in the manufacture of pepper sauce. Its beautiful little pods of shining red color are so thickly set as to give it the appearance of a bouquet of coral. Pkt. 10 cts., oz. 50 cts.

Ruby King. Bright crimson scarlet, large, bell-shaped pods. A good variety for Mangoes or pickling, as it is not too fiery. A productive sort.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Tomato, or Squash-Shaped. A productive variety, of large size, somewhat flattened, and hotter than the above; fine for pickling or sauce.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Red Cherry. A beautiful ornamental variety, fruit round, of a rich glossy scarlet color, very hot and used for seasoning. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50.

Long Red Cayenne. From 3 to 4 inches long, of a bright red color, very productive and hot.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Small Chili. Red conical pods about 2 inches long, very hot and prolific; used for seasoning and sauces.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50.

❖ PEAS ❖

Erbsen, GER. Pois, FR. Guisante, SP.

Peas mature earliest in a light, rich soil; for a general crop, a rich deep loam, or inclining to clay, is the best. When grown for a market crop sow in single rows, 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart, according to the variety. When grown in gardens sow in double rows, 6 to 8 inches apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; continue for a succession every two weeks until June, then discontinuing until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for fall use. They should be kept clean, and earthed up twice during growth. The wrinkled varieties are not as hardy as the small hard sorts, and if planted early should have a dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited from their habit for small gardens or for forcing, and can be planted in rows 1 foot apart.

Pioneer. In all respects a Pea that will meet the wants of all who desire **EARLY PEAS**. Pods of medium size, containing 4 to 6 full, plump Peas of fine flavor. A remarkably early variety, and one that should be largely planted by market gardeners and truckers.

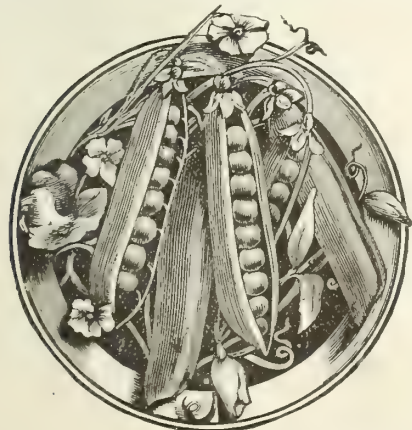
Pkt. 10 cts., qt. 40 cts., peck \$2.75, bu. \$6.50.



DREER'S EUREKA EXTRA EARLY.

Dreer's Eureka Extra Early. The earliest and most prolific variety. This sort has given the best results wherever grown, and is a standard for earliness and quality. It is an even cropper and can be gathered clean in two pickings. This is an important item when the space is wanted for repeated cropping. For a late fall crop it has few equals, and is the market gardener's favorite for all seasons; height, 20 inches.

Pint 15 cts., qt. 30 cts., peck \$1.75, bu. \$5.00.



ALASKA.

Alaska. An extra early round pea resembling *Kentish Invicta*. Of good flavor and color, and bearing pods of a dark green color, which are well filled and ripen uniformly; height 2 feet.

Pkt. 10 cts., qt. 30 cts., peck \$1.75, bu. \$5.00.

Improved Daniel O'Rourke. A valuable sort for market gardeners and private use. Of good flavor, productive and early.

Pkt. 10 cts., qt. 25 cts., peck \$1.50, bu. \$4.50.



LIGHTNING.

Lightning. A very early Pea, bearing in great profusion long well-filled pods, containing peas of a bright green color, well flavored, sweet, and of good size. The plants are completely studded with Peas early in the season; 2 feet.

Pkt. 10 cts., qt. 30 cts., peck \$2.00, bu. \$6.00.



AMERICAN WONDER.

American Wonder. The earliest wrinkled variety in cultivation; in productiveness, flavor and quality it is unsurpassed. It is of dwarf and robust habit, growing from 10 to 12 inches high. Will mature in 33 days from time of planting.

Pkt. 10 cts., qt. 30 cts., peck \$2.25, bu. \$7.50.

Ask for special prices on Peas in large quantities. Add for postage on Peas 8 cts. per pint, 15 cts. per quart. Larger quantities sent by express or freight at purchaser's expense.

PEAS—Continued.

Blue Beauty. A good variety to follow American Wonder; it grows compactly and bears a profusion of excellent peas; height 18 inches.

Pkt. 10 cts., qt. 40 cts., peck \$2.25, bu. \$7.00.

Extra Early Premium Gem. A fine flavored dwarf, wrinkled variety; pods long, dark green and prolific; 18 inches.

Pkt. 10 cts., qt. 30 cts., peck \$2.00, bu. \$6.00.

McLean's Little Gem. A dwarf first early, green-wrinkled marrow, very prolific, and of superior flavor; 1 foot. Pkt. 10 cts., qt. 30 cts., peck \$2.00, bu. \$6.00.

Kentish Invicta. A productive variety, ripening all together, of excellent flavor; a very good market variety; 2 feet.

Pkt. 10 cts., qt. 25 cts., peck \$1.75, bu. \$4.50.

McLean's Advancer. A fine early market variety, prolific, well-filled long pods, tender, and of delicious flavor; 2 feet.

Pkt. 10 cts., qt. 30 cts., peck \$2.00, bu. \$6.00.



SUMMER VARIETIES.

Bliss's Abundance. Pods 3 to 3½ inches long, round and well filled, containing 6 to 8 large wrinkled peas of excellent quality. It ripens about one week after the earliest kind. 6 to 8 inches apart in the rows is the nearest that the plants should stand; 1½ feet.

Pkt. 10 cts., qt. 30 cts., peck \$2.00, bu. \$6.50.

Pride of the Market. A medium early dwarf pea of vigorous habit and very productive. The pods are large, of a medium green color, and contain 7 to 9 peas of fine quality. This variety will doubtless come rapidly into favor; 1½ feet.

Pkt. 10 cts., qt. 30 cts., peck \$2.00, bu. \$6.50.

Blue Imperial. A favorite summer, market gardener's variety; good bearer, and of fine flavor; 3 feet.

Pkt. 10 cts., qt. 25 cts., peck \$1.50, bu. \$4.50.

Laxton's Alpha. One of the earliest wrinkled marrows; a prolific variety, of fine flavor; pods large and well filled; 3 feet.

Pkt. 10 cts., qt. 30 cts., peck \$2.00, bu. \$6.00.

McBeth's Pride. A very prolific variety, bearing pods closely filled with peas of delicious flavor; 18 inches.

Pkt. 10 cts., qt. 30 cts., peck \$2.00, bu. \$6.00.

Horsford's Market Garden. A prolific and desirable Pea for a summer crop; pods are full and borne in profusion.

Pkt. 10 cts., qt. 30 cts., peck \$2.00, bu. \$5.50.

Yorkshire Hero. A splendid wrinkled marrow for market and kitchen gardens; of branching habit, abundant cropper, and excellent quality; 2½ feet.

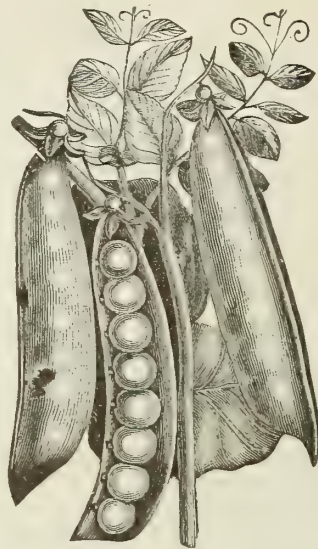
Pkt. 10 cts., qt. 25 cts., peck \$1.75, bu. \$5.50.

Everbearing (Bliss). A first-class pea for summer and autumn use, pods 3 to 4 inches long, and contain 6 to 8 peas of a rich flavor, very sweet and tender. Owing to its remarkable branching habit it remains in bearing an unusually long time; 2 feet.

Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$7.00.

Champion of England. One of the best and most popular wrinkled varieties in cultivation, of delicious flavor; a profuse bearer; height 5 feet.

Pkt. 10 cts., qt. 25 cts., peck \$1.75, bu. \$5.00.



PRIDE OF THE MARKET.

Telephone. Immensely productive, of the finest quality, and excellent sugary flavor; vines very strong, averaging 18 to 20 pods per stalk; the pods are of large size and closely packed with large delicious peas; 4 feet.

Pkt. 10 cts., qt. 40 cts., peck \$2.25, bu. \$8.50.

Stratagem. A green, wrinkled marrow, producing numerous pods of large size peas of excellent quality. A superior variety that cannot be too highly recommended; 2½ feet.

Pkt. 10 cts., qt. 40 cts., peck \$2.25, bu. \$8.50.

Walker's Perpetual. A late variety bearing unusually large and well filled with large peas of excellent quality. We consider it an excellent sort for late summer use as it does not mildew, and can be relied on for a crop.

Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$7.00.

Large White Marrowfat. A favorite variety; large well-filled pods; 5 feet.

Pint 10 cts., qt. 15 cts., peck \$1.00, bu. \$3.00.

Black-Eyed Marrowfat. This and the White Marrowfat are extensively grown as field peas, as they are hardy, productive, and bear well-filled pods; 4 feet.

Pint 10 cts., qt. 15 cts., peck \$1.00, bu. \$3.00.

SUGAR PEAS.

Dwarf White Sugar. Edible pods, fine flavor; used like Snap-Short Beans; 2 feet. Pkt. 10 cts., qt. 50 cts.

Tall White Sugar. Large, long, edible pods; used like the Dwarf Sugar; 5 feet. Pkt. 10 cts., qt. 50 cts.

Early Dwarf Wrinkled Sugar. A French wrinkled variety, with edible pods; 2½ feet.

Pkt. 10 cts., qt. 50 cts.

Dwarf Gray Seeded Sugar. Similar to above variety, except in height, which is only 2 feet.

Pkt. 10 cts., qt. 50 cts.

Tall Gray Seeded Sugar. Purple blossom, edible pods; used as above; 5 feet. Pkt. 10 cts., qt. 50 cts.

POTATOES.

Kartoffel, GER. Pomme de Terre, FR. Potata ó Papas, SP.

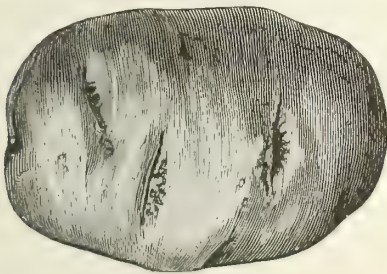
The soil best suited to the Potato is a rich, sandy loam, but it seems to thrive in almost any soil or climate. The potato being a gross feeder, requires a liberal application of manure; if stable manure is to be used, it should be well rotted, and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as on the potato; almost invariably the tubers are smoother, brighter, and freer from rust and the destructive influence of wire worms. The best fertilizers are plaster, lime, super-phosphate of lime, and bone-dust, for heavy and wet soils especially, as they promote growth and at the same time prevent disease. Plant as early in the spring as the ground can be thoroughly worked, in rows 3 feet apart and 1 foot in the rows; covering in light, warm soil about 4 inches, and in cold, wet ground 3 inches deep; draw the earth to the plants as they advance in growth. If an early crop is desired, sprout the tubers, or cut potatoes, in a light warm room, from four to six weeks before planting, then lift carefully and plant out; by this process shoots are obtained that, as soon as planted out in the open ground, will send out roots, and grow more rapidly than if treated in the ordinary way. The soil should be constantly stirred through the season to prevent the surface from baking. Many seem to consider it harmful, after the potatoes have set, to disturb the soil in any way; this is contradicted by the experience of the best growers, who run the cultivator until the vines are dead. In some sections "flat-culture" is preferred to "ridging," especially where droughts prevail, or the soil is very loose and sandy.

For seed potatoes, select well-formed tubers of good size. Some growers cut to one eye, leaving as large a piece as possible attached. About 8 bushels are required by this method to properly seed an acre.

Many successful growers plant medium sized potatoes whole, maintaining that, though there is an increase in small potatoes, there is a corresponding increase of marketable stock. That this is borne out by results the following table, which has been made from careful competitive trials, will show. Taking 100 as a basis, the account stands: Whole Potatoes, large, 100 per cent.; Whole Potatoes, small, 79 per cent.; single eye, 36.16 per cent.

Some growers cut their seed in halves lengthwise, while others cut them in quarters, both using large potatoes. Under ordinary cultivation the process of cutting to a single eye is to be deprecated, for the young plants, not having sufficient nutriment, often start off weak, while many fail to grow at all. By using larger seed the vines grow more vigorously at the start and are better able to stand the changes of the season and yield satisfactory returns. More seed is required per acre for planting, but the crop will be in every way more satisfactory and profitable.

If the Potato Bug makes its appearance the vines should be dusted with Paris Green thoroughly mixed with fifty parts of plaster, and applied while the dew is on the plants, with a pair of bellows or duster. Slug Shot is also a very convenient and efficient remedy.



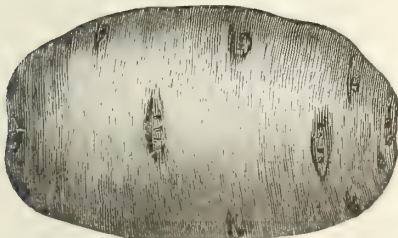
EARLY OHIO.

Early Ohio. A seedling of the Early Rose, ripens about a week earlier. It is round and oblong in shape, of vigorous growth, and excellent quality.

Peck 50 cts., bu. \$1.75, bbl. \$4.00.

Early Rose, Prince Edward Island. A leading variety for earliness, quality and productiveness. The stock we offer is the best Prince Edward Island.

Peck 50 cts., bu. \$1.75, bbl. \$4.00.



BEAUTY OF HEBRON.

Beauty of Hebron. A little earlier than Early Rose, very productive, of excellent quality, white fleshed, and will yield at least a quarter more; a good keeper.

Peck 50 cts., bu. \$1.75, bbl. \$4.00.

Burbank's Seedling. A white-skinned, medium early variety, with few eyes; flesh fine grained and of excellent flavor; producing a large crop of marketable potatoes. Peck 50 cts., bu. \$1.75, bbl. \$4.00.

Chas. Downing. A new potato having sterling merit, hardy and productive, and possessing the highest quality for eating. Although early in ripening it is a good keeper. Medium size, slightly flattened oval shape, light lemon color, with smooth skin. Eyes few, small, and nearly even with the surface.

Peck 60 cts., bu. \$2.00, bbl. \$4.75.



CHAS. DOWNING.

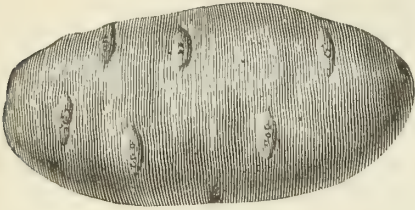
Clark's No. 1. An early sort resembling Early Rose but considered more prolific. It cooks mealy, is of excellent flavor, of first quality, and is a profitable variety for the farmer or market gardener.

Peck 50 cts., bu. \$1.75, bbl. \$4.00.

Garfield. An oval, smooth-skinned white potato; flesh pure white, fine grained, mealy and fine flavored. The tubers are of uniformly large size; medium, early and productive. Peck 60 cts., bu. \$2.00, bbl. \$4.50.

Prices of Potatoes are subject to market changes. Potatoes are forwarded by express or freight as directed, purchaser paying charges. We use our discretion in regard to time of shipment, as frequently, when orders are received, the weather for a week at a time will not permit safe delivery. We assume no risk on Potatoes. They are forwarded strictly at purchaser's risk.

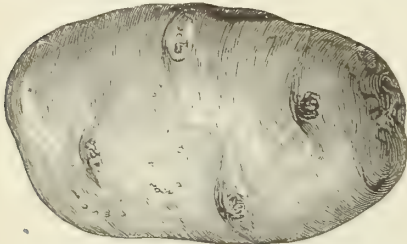
POTATOES—Continued.



WHITE STAR.

White Star. A medium early variety of the very best quality and appearance. Baked or boiled, its color, floury texture and delicious flavor are unsurpassed. Large, oblong, uniform-sized tubers, remarkably productive; of excellent keeping qualities.

Peck 50 cts., bu. \$1.75, bbl. \$4.00.



STATE OF MAINE.

State of Maine. A cross between Early Vermont and Peerless; medium early, excellent flavor, cooks dry, is a good keeper and very productive.

Peck 75 cts., bu. \$2.00, bbl. \$4.50.

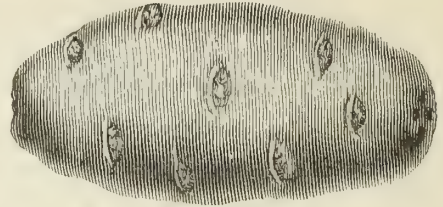
Pearl of Savoy. The tubers are oblong, fair, and of large size, pearly white flesh, which cooks dry and mealy; 15 days earlier than Early Rose, and very productive and a good keeper.

Peck 60 cts., bu. \$2.00, bbl. \$4.00.

Mammoth Pearl. A medium late variety which has become a favorite. Of good quality, handsome appearance, free from rot, never hollow; skin and flesh white; cooks like a ball of flour; very productive and good keeper. Peck 50 cts., bu. \$1.75, bbl. \$4.00.

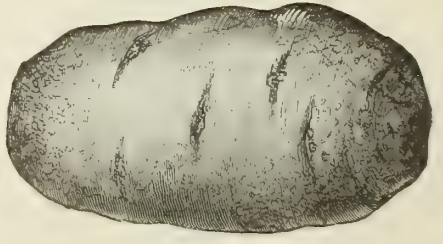
At the above prices, express and freight charges are to be paid by the purchaser.

As the price of potatoes is governed by the market, the above quotations are but nominal, but are believed to be about the prices that will rule in the spring. Special quotations for large quantities, or varieties not listed, will be given on application. Our potatoes are all carefully selected and grown from the best Northern Stock.



EMPIRE STATE.

Empire State. An excellent potato that bids fair to become a leading sort. Skin smooth, white; eyes close to the surface, flesh pure white, and cooks dry and mealy. A heavy cropper; produces very few small tubers. Per peck, 60 cts., bu. \$2.00, bbl. \$4.00.



PEARL OF SAVOY.

Green Mountain. A prolific late variety, skin white, smooth, eyes shallow and few in number. Of large size, attractive appearance and a good keeper.

Peck 75 cts., bu. \$2.25, bbl. \$5.00.

SWEET POTATOES.

Yellow Nansemond. A short, thick variety, very productive, and considered the best for general culture.

Sets—peck 60 cts., bu. \$2.00, bbl. \$4.00.

Red Nansemond. Short, thick, and of good flavor, largely grown in some sections in preference to the yellow sorts, and considered by some as more hardy.

Sets—peck 60 cts., bu. \$2.00, bbl. \$4.00.

PUMPKIN.

Kürbis, GER. Potiron, FR. Calabaza, SP.

Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn; always avoid planting near other vines, as they will hybridize. The Cashaw is generally preferred for cooking and making pies.



LARGE CHEESE PUMPKIN.

Cashaw. Long, yellow crook-neck, similar to the Crook-neck Winter Squash; the best for table use or feeding stock; flesh yellow, solid, fine-grained, and sweet.

Pkt. 5 cts., oz. 10 cts., lb. \$1.00.

Large Cheese. One of the best for table use, productive, skin orange, flesh yellow and sweet.

Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

Large Tours, or Mammoth. A productive variety, which grows to an immense size, often weighing over a hundred pounds. Pkt. 5 cts., oz. 20 cts., lb. \$2.00.

Connecticut, or Large Common Yellow Field. A very productive, large yellow variety, and grown principally for feeding stock.

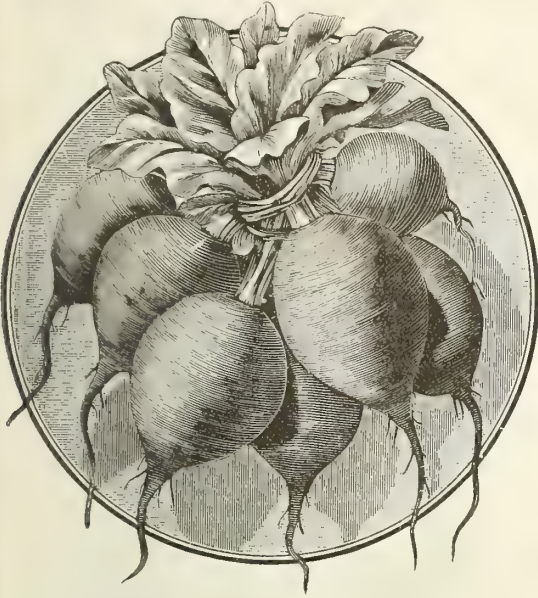
Oz. 5 cts., qt. 25 cts., postpaid 30 cts., bu. \$5.00.

Prices of Potatoes are subject to market changes. Potatoes are forwarded by express or freight as directed, purchaser paying charges. We use our discretion in regard to time of shipment, as frequently, when orders are received, the weather for a week at a time will not permit safe delivery. We assume no risk on Potatoes. They are forwarded strictly at purchaser's risk.

RADISHES.

Rettig, oder Radieschen, GER. Radis, Rave, petite et longue, FR. Rabano, SP.

Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth; heavy or clayey soils not only delay their growth, but produce a much inferior crop in appearance and flavor. Sow for very early use in hot-beds during the winter and early spring, or later on in sheltered borders, in well-manured, deeply dug, and finely raked soil; if not well stimulated into a rapid growth, they become fibrous and tough; sow in drills 10 inches apart, and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. As soon as the first leaves appear, sprinkle with soot, wood-ashes or air-slacked lime, to save them from the little black, Cabbage and Turnip fly. Slug Shot is a positive remedy for the black, Cabbage and Turnip fly, and can be confidently recommended for that purpose. The winter varieties should be sown in July and August; like the Turnip they make the best growth in the autumn, and must be taken up before severe frost, and stored away in a cool cellar in sand, or a pit, where they will keep tender and crisp all winter; before using put in cold water, which adds to their freshness.



CARDINAL GLOBE RADISH.

This variety is by all means the very best forcing variety, and should be sown largely by market gardeners and truckers. It is of globular shape and brilliant cardinal red color, with short top, and will stand a large amount of heat without becoming pithy; flesh tender, crisp, and in quality all that can be desired. We can safely recommend this sort. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Fireball. One of the finest forcing Radishes yet offered. Of rapid growth and extremely small top. Brilliant scarlet color, crisp, tender, and of mild flavor. Useful only as a forcing variety or for early spring use.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Round Red Forcing. One of the earliest and best of the Turnip varieties for forcing; very short-leaved; small top; color of skin dark red, white-fleshed, with very small tap-root.

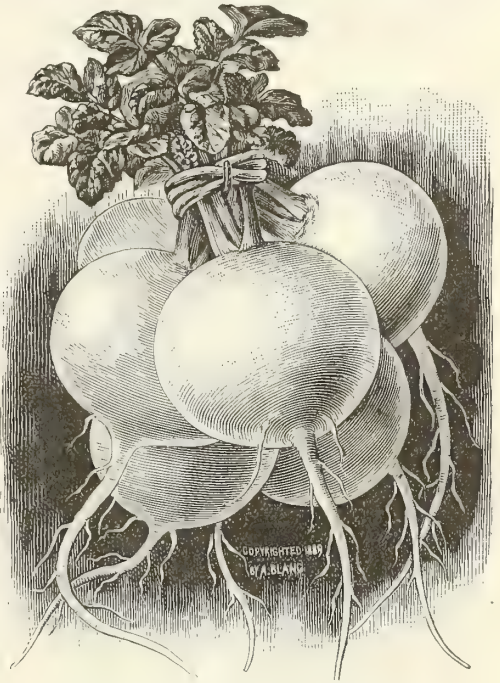
Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 80 cts.

Round White Forcing. Similar to the above in every respect, except its white skin.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 80 cts.



FIREBALL.



WHITE BOX RADISH.

This sort holds the same position among White Radishes as Cardinal Globe does among the Red varieties. It is perfectly round, smooth skin, pure white and free from any sharpness or bitterness. A remarkably quick grower, with small top, having but 3 short leaves on a fully matured root. For forcing it is in every way superior, coming in as early as Cardinal Globe and finding a ready sale. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Scarlet Frame. A very early Turnip Radish; of a bright scarlet-crimson color, perfectly round, crisp and tender, of excellent flavor, and a showy and attractive sort.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.25.

Early White Turnip. An early, crisp, Turnip-shaped Radish of a pure white color.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Early French Breakfast. Oblong shape, rapid growth, very mild and tender, of a beautiful scarlet color, tipped with white.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

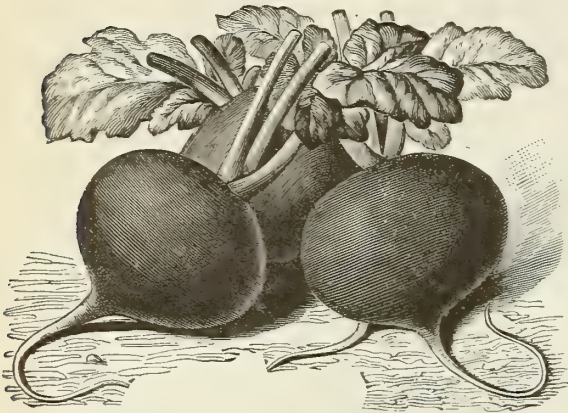
Early Scarlet Olive Shaped. Of oblong shape, rose colored flesh, tender and excellent.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Wood's Early Frame. This sort occupies the same position among the long as Fireball does among the Turnip varieties. Top very small, bright salmon color, and several days earlier than Long Scarlet.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

RADISHES—Continued.

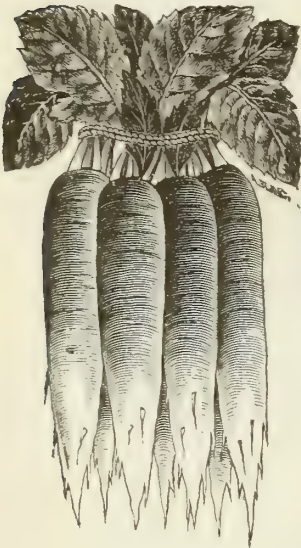


SCARLET TURNIP.

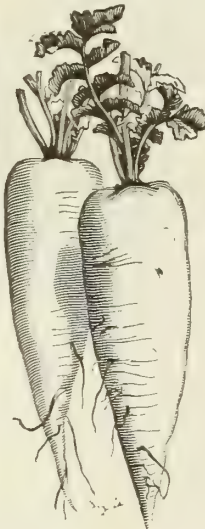
Early Scarlet Turnip. A small top variety, of quick growth, mild and crisp. It is a standard sort and in all respects desirable for early planting in the open ground. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Long Scarlet Short Top, or Salmon. The standard family and market gardener's variety; long, bright scarlet, with small top.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.



BECKERT'S CHARTIER.



LONG WHITE NAPLES.

SUMMER AND WINTER VARIETIES.

Beckert's Chartier. A very attractive sort, and one that should have an extensive trial. Color bright salmon scarlet, shading to white as it approaches maturity. It is very crisp, tender, and of mild and pleasant flavor.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Large White Summer Turnip. The market gardener's favorite; large, turnip-shaped, white, very crisp and mild.

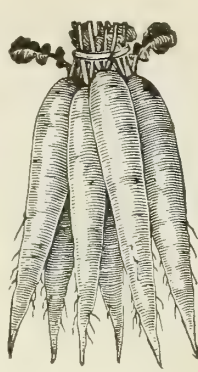
Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Large Yellow Summer Turnip. Like the above, except in color.

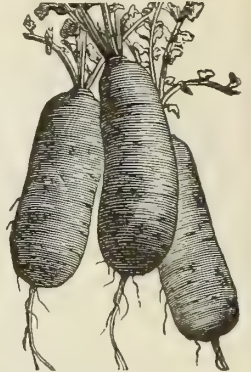
Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Long White Naples. An excellent long variety, flesh white, crisp and mild.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.



LONG WHITE VIENNA.



SCARLET CHINA.

Long White Vienna, or Lady Finger. An attractive sort, long tapering roots of a pure white color. Mild in flavor, tender, crisp and in all respects a fine variety.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

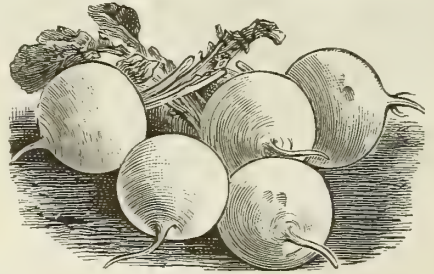
Long Black Spanish Winter. A large, long variety, one of the hardiest, firm in texture, keeping until spring. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Round Black Spanish Winter. Like the above, except form. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Large White Spanish Winter. Of milder flavor than the black varieties.

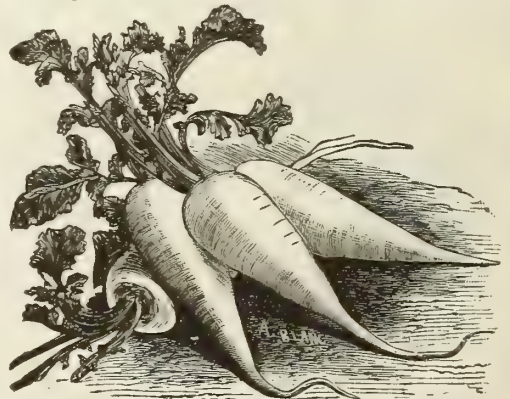
Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Scarlet China Winter. One of the best fall and winter varieties, a favorite with market gardeners; bright rose-color, flesh white, firm, and of superior quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.



LARGE WHITE SUMMER TURNIP.

California White Winter. A mammoth variety, growing 12 inches long, white-fleshed, firm, and of excellent quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



WHITE STRASBURG.

White Strasburg. A variety that should be largely grown. The roots are oblong, of a pure white color, very brittle, and of a mild flavor. For summer and fall use. Very desirable.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

RHUBARB.*Rhubarber*, GER. *Rhubarbe*, FR. *Ruibarbo Bastardo*, SP.

RHUBARB.

The stalks of this plant are used for pies and tarts. Sow in April, in drills 1 foot apart; when 3 or 4 inches high, thin out in the rows to 10 inches apart, and transplant the ensuing autumn or spring to any desired situation, in a deep, rich soil. The ground must be dug and heavily manured, at least 2 feet deep. Set out the roots 3 feet apart each way, and the following spring it will be fit for use. In the fall the bed should have a thick dressing of coarse manure, which is to be dug into the ground in the spring. We recommend those who desire a choice article to procure the roots, which can be set out either in the fall or spring as above described.

Linnaeus. Early, large, tender, and very fine.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Victoria. Very large; the finest cooking variety. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.
Strong Roots 25 cts. each, \$2.50 per doz.

SORREL.*Sauerampfer*, GER. *Oscille*, FR. *Acedera*, SP.

Sow in April, in a rich, mellow soil, in shallow drills 12 inches apart, and thin out the plants to 6 inches apart in the rows, keeping the flower stems cut off as they appear. It remains in the ground from year to year. The leaves possess a pleasant acid taste; cook like Spinach; also good to mix with salads, to which it imparts an agreeable flavor.

Large Leaved Garden. Cultivated for its acidity and much used in salads.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

SPINACH.*Spinate*, GER. *Epinard*, FR. *Espinaca*, SP.

This is an important market gardener's crop, of easy culture. For spring and summer use sow either broadcast or in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September, in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves. Sow the New Zealand variety in hills 3 feet apart each way, planting three or four seeds to the hill, or they can be started in heat and transplanted; it can be cut for use all summer.



DREER'S SAVOY.

Dreer's Round Seeded Savoy. The hardiest large Savoy leaved; curled and crimped, with thick, fleshy leaves, the best for family and market purposes, and the best of all sorts for fall sowing.

Pkt. 5 cts., oz. 10 cts., lb. 40 cts.

Long Standing Round Seeded. A new large, crimped, thick fleshy Savoy leaved variety; will stand two weeks longer than any other sort before shooting to seed; the best for spring sowing, on account of seeding so late. Pkt. 5 cts., oz. 10 cts., lb. 40 cts.



LONG STANDING.

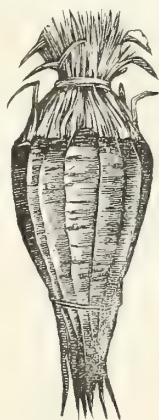
Prickly Seeded, or Fall. The hardiest variety, having smaller leaves, is not so productive as the above sorts. Pkt. 5 cts., oz. 10 cts., lb. 40 cts.



NEW ZEALAND.

New Zealand. This variety endures heat and drought, and is the best for summer use; it produces a large quantity of leaves throughout the season and can be cut from continuously.

Pkt. 5 cts., oz. 15 cts., lb. \$1.00.

SALSIFY.**(Oyster Plant.)***Haferwurz* oder *Bocksbart*, GER. *Salsifis*, FR. *Ostra Vegetal*, ó *Barba Cubrum*, SP.

SALSIFY.

A fine vegetable, used and served as Carrots; or, after being boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as Carrots and Parsnips; it is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeeds best in a light, well-enriched, mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep, and thin out to 6 inches apart in the rows.

Long White. The favorite market variety, and the best flavored.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Long Black, or Scorzonera. Resembling the above; scrape off the coarse rind, and soak the roots a few hours in cold water before cooking, to extract their bitter taste.

Pkt. 5 cts., oz. 25 cts.

Mammoth Sandwich Island. This variety grows here to a very large size, and resembles a good sized parsnip. It is very mild and delicate flavored and has already found its way to popular favor.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Squashes.

Küchenkürbis, GER. Courge, FR. Calabasa Tontanera & Cidracayote, SP.

Squashes should be planted in a warm, light, rich soil, after the weather has become settled and warm, about the middle of May or June. Plant in well-manured hills, in the same manner as Cucumbers and Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds from 6 to 8 feet. Eight to ten seeds should be sown in each hill, thinning out, after they have attained their rough leaves, and danger from bugs is over, leaving three or four of the strongest plants per hill.



GOLDEN CUSTARD.

EARLY SORTS.

Early White Bush. The best early variety for market or shipping; it grows to a large size, scalloped like a patty-pan, and bearing an abundant crop.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

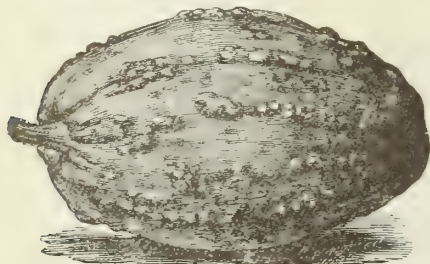
Golden Custard. Of similar size and shape to the White Bush, but of a rich golden yellow color and fine flavor.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Yellow Crook Neck. Early, productive, and of good quality; skin orange-yellow, covered with warty excrescences.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

The above three kinds are for summer use, and should be used when the skin is tender.



BRAZILIAN SUGAR.

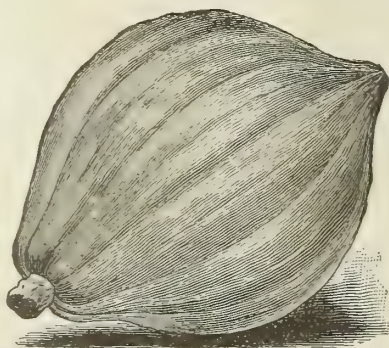
SUMMER AND FALL SORTS.

Brazilian Sugar. A delicate and rich flavored variety that will become a standard sort for summer and autumn use. The flesh is light yellow, fine grained and sweet. They weigh on an average 3 pounds, and will keep well into winter.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Perfect Gem. This Squash possesses the excellent qualities of both the summer and winter varieties combined, and can be used for either purpose.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



EARLY PROLIFIC MARROW.

Early Prolific Marrow. For fall and winter this is a very desirable sort, as it is early and productive—the two most important features for the market gardener; while its good cooking and keeping qualities, together with its attractive brilliant orange-red color, make it popular with the consumer.

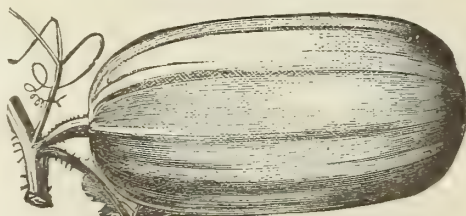
Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Boston Marrow. About ten days later than the Bush varieties; a good keeper, of excellent flavor, flesh orange colored and fine grained.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Vegetable Marrow. A delicious English sort; skin greenish white, flesh white, soft, and of a rich flavor; a heavy cropper, quite distinct from the other sorts.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



VEGETABLE MARROW.

FALL AND WINTER SORTS.

American Turban. Flesh orange-yellow; thick, fine-grained, and of a good flavor; an excellent variety for fall and early winter use.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Butman. This variety is fine grained, dry, and of excellent flavor, having all the good qualities of the Hubbard and summer varieties combined.

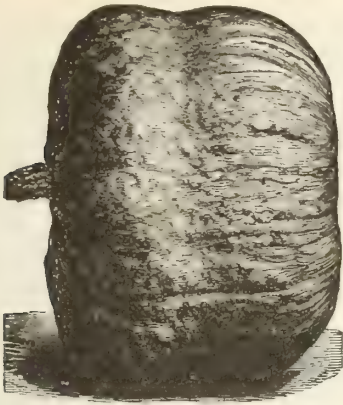
Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Bay State. A new Squash of a peculiar greenish tinge outside and with golden yellow flesh of good quality, sweet and fine-grained. A little earlier than Essex Hybrid and promises well as a good keeper.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Marblehead. Resembling the Hubbard, but of a lighter color, and is remarkable for its sweetness, dryness, and delicious flavor, as well as its keeping qualities.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.



ESSEX HYBRID.

Essex Hybrid. A valuable fall and winter Squash. Very prolific, fine grained orange-red flesh, very sweet and dry, and fills all the requirements of a first-class Squash. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Hubbard. A general favorite, and one of the best late table varieties; of large size, flesh fine grained, dry, and of excellent flavor.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

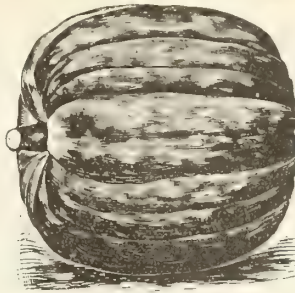
Olive. By many considered superior to the Hubbard. Skin olive green, flesh rich orange, sweet and cooks dry. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Pine Apple. A fall and winter variety of excellent quality. Flesh creamy white, fine grained and of a rich flavor.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Winter Crookneck. One of the best sorts for winter use, as it is an excellent keeping variety. Largely grown in New England and Canada. Flesh bright yellow; of fine flavor.

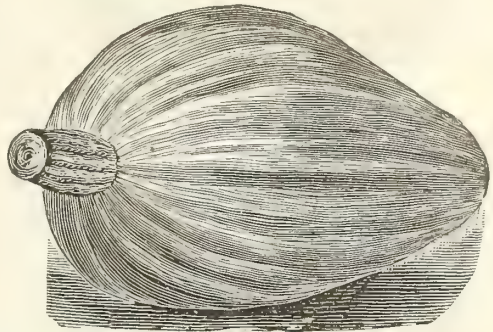
Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.



MAMMOTH CHILI.

Mammoth Chili.

Rich orange-yellow, flesh thick, and of good quality for making pies. This quality grows to an enormous size, specimens frequently attaining the weight of 225 lbs. A valuable sort for feeding stock. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



Pike's Peak, or Sibley. An improvement on the Hubbard. The shell is smooth and thin and of a pale green color; flesh thick, solid; vivid orange in color; very dry; of fine grain and delicate flavor. The Squashes weigh from 8 to 11 pounds, and are excellent keepers.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

TOMATOES.

Liebesapfel, GER. Tomato, FR. Tomato, SP.

For early plants sow in hot-beds early in March, in drills 5 inches apart and $\frac{1}{2}$ inch deep; when the plants are about 2 inches high, transplant into another hot-bed 4 inches apart each way; plant out in the open ground early in May, or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelful of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or a large flower-pot, by placing it in a sunny window of a warm room or kitchen. For late use, sow in a sheltered border in May, and set out the plants in July; the green fruit can be picked off before frost and ripened under glass. By training the Tomato vines on trellises or tying to stakes, they will increase in productiveness, the fruit will ripen better and be of finer quality. Our Tomato Seeds are saved with extra care, and cannot fail to be satisfactory.



LIVINGSTON'S BEAUTY.

Livingston's Beauty Tomato. Rich glossy crimson with a slight purple tinge; the fruit grows in clusters of 4 to 5; is of large size, very smooth, and retains its character till late in the season. It ripens early and evenly, is free from all sign of rotting, and seldom cracks after a rain. It is very productive, and will yield heavier crops than Acme or other leading sorts.

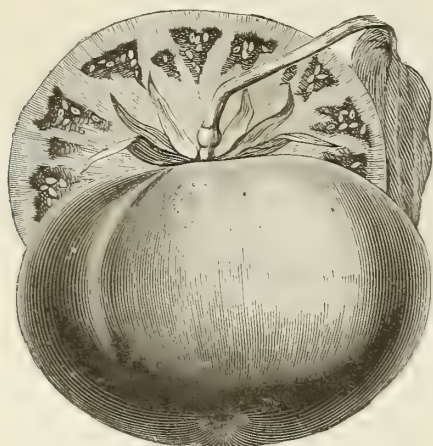
Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Acme. One of the best for family use; ripens evenly, of medium uniform size, round, very solid, of a pinkish color, and very productive.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Livingston's Perfection. This variety is larger than the Acme, fully as early, perfectly smooth, solid, almost round, deep red in color, with few seeds, and ripening all through at the same time; a heavy cropper. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Livingston's Favorite. Smoother than Paragon, does not crack or rot like Acme, and a darker red than Perfection; ripens evenly and early; very prolific, good flavor, few seeds, flesh solid; bears shipping well. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



VOLUNTEER.

Volunteer. An early Tomato, of attractive color and uniformly good size, averaging six to eight ounces. Of perfect form, a continuous and productive bearer; ripens well to the stem, and is entirely free from hard core. It has been tested thoroughly.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.75.



SELECTED PARAGON.

Paragon (Selected). We are quite confident that no better strain of an "all around" Tomato exists than the selection we are offering. It is early, a heavy bearer and produces fruit until killed by frost. The Tomatoes ripen evenly, are very solid, in flavor all that can be desired. For canners, market gardeners and family use it will be found indispensable.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.75.

Mayflower. This variety is one of the earliest of the large kinds in cultivation, of a bright red color, ripens evenly up to the stem, and presents a beautiful appearance, perfectly smooth, flesh solid, of rich flavor, and very productive until killed by frost.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

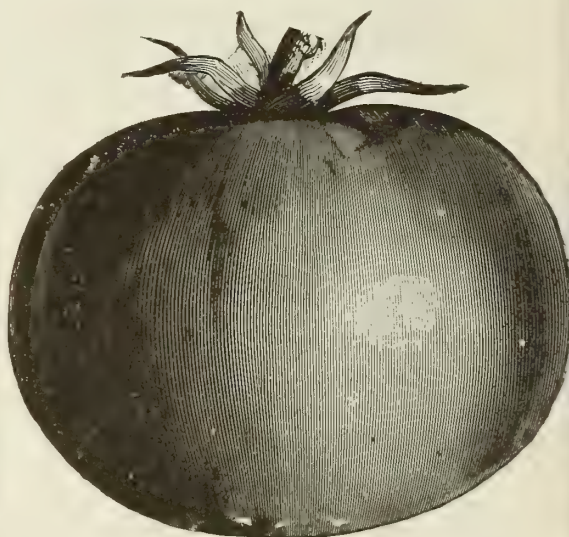
Dwarf Champion. An early variety, coming rapidly to maturity. Should not be depended upon for a main crop; fruit medium size.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



CARDINAL.

Cardinal. A decided acquisition to our list of superior varieties. The color is a brilliant cardinal red, the flesh being scarcely any lighter. Its shape is uniformly round and smooth, very solid, few seeds, quality the best. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



RED MIKADO.

Red Mikado. We consider this one of the finest Tomatoes ever sent out. For slicing it will be found excellent, as it has few seeds and is very solid. The Tomatoes are of a bright red color, large size, borne in clusters of 4 to 7, ripen evenly, and remain firm when fully ripe; free from any purple tinge and in flavor all that the most fastidious can desire.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

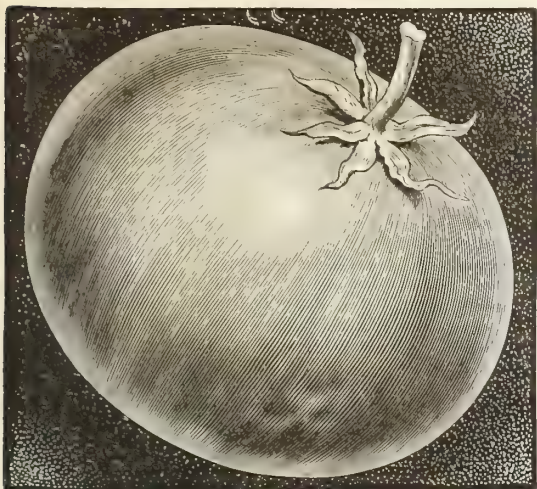
Mikado. Of similar form and substance to the Red Mikado. In all respects a first-class variety.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Optimus. The fruit resembles the Favorite in general appearance, but is more uniform in size and shape and ripens more evenly. The flesh is a bright crimson color and free from hard spots. A desirable canning sort. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Ringleader. A remarkably large and heavy-fruited Tomato. The flesh is very thick, solid and of excellent quality, free from acidity and desirable for slicing. It is a second early variety, and should not be depended upon for early fruit. For private gardeners it is a specially good sort. Specimens often weigh 1 lb.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

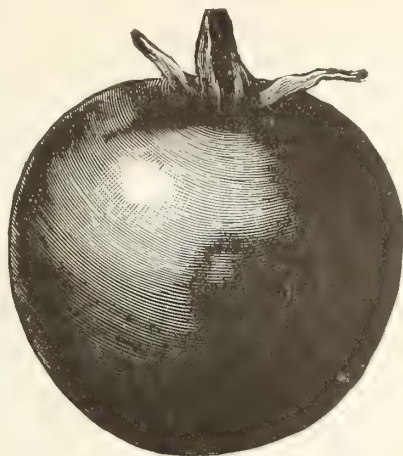


GOLDEN QUEEN.

Golden Queen. A very handsome yellow Tomato; resembles the Paragon in size, solidity and productiveness. For preserving this sort will be found valuable. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Dreer's Selected Trophy. One of the very best in cultivation; our seed is saved only from the finest ripe specimens, which for size, smoothness, solidity and excellent flavor are unsurpassed.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



PEACH.

Peach. This variety is entirely different from any other Tomato, and closely resembles a peach in size, form and color. Of delicate flavor and very attractive in appearance. The fruit is two inches in diameter and borne in large quantities. An excellent preserving sort. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Red Pear. Oval shape; similar to Yellow Pear, except of a beautiful red color. Pkt. 10 cts., oz. 30 cts.

Yellow Pear. True pear shape, small size, smooth, used for preserving. Pkt. 10 cts., oz. 30 cts.

King Humbert. A desirable sort for table decorations. Of a delicate strawberry flavor, bright scarlet color, and a first class preserving sort.

Pkt. 10 cts., 3 for 25 cts., oz. 40 cts.

* TURNIPS *

Steckrübe, GER. Navet, FR. Nabo Comun, SP.

For early use, sow as soon as the ground opens in the spring, in drills from 12 to 15 inches apart; thin out to 6 or 9 inches in the rows; as soon as the first leaves appear, sprinkle with soot, wood-ashes, air-slacked lime, or Slug Shot, to destroy the little black fly, which will devour the plants if not attended to in time. Slug Shot is a certain remedy for the black fly. For a succession, continue to sow every two weeks until June; for a fall and winter crop, sow in July and August; do not sow later than the 1st of September. The Ruta Bagas are grown for feeding stock, and are also excellent for the table. Take up the roots in November or before severe frosts; cut off the tops within an inch of the crown, store in a cool cellar or pit, or pile up in a conical form, out of doors, in dry ground; cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth, leaving a trench around the heap to carry off the water. Put away in this manner they will be found in good condition in the spring.



PURPLE TOP STRAP LEAF.

Extra Early Purple Top Milan. This variety is at least two weeks earlier than any other. It is of a handsome appearance, somewhat flattened, white with purple top, flesh snow-white, fine grained and delicate flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Extra Early Munich. A very early variety, purple top, white flesh, of fine grain and good flavor. Should be grown quickly.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Early White Flat Dutch. An early, white-fleshed variety, of quick growth, mild flavor, and excellent quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Early White Egg. An egg-shaped variety, for spring or fall sowing, flesh white, firm, fine-grained, mild and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.



WHITE FLAT DUTCH.

Early Red, or Purple Top Flat. This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor, and a good keeper.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Long White, or Cow Horn. Grows very quickly, partly above ground; very productive, flesh white, fine grained and sweet, of excellent quality for family and market gardeners' use.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

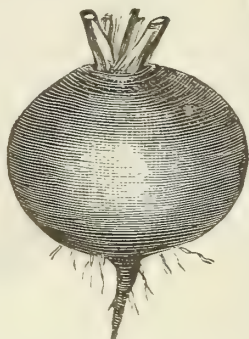
Robertson's Golden Ball, or Orange Jelly. A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper, and a superior table variety, or for stock.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.



WHITE

EGG.



AMBER GLOBE.

Yellow Globe, or Amber. One of the best for a general crop, flesh firm and sweet, grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring.

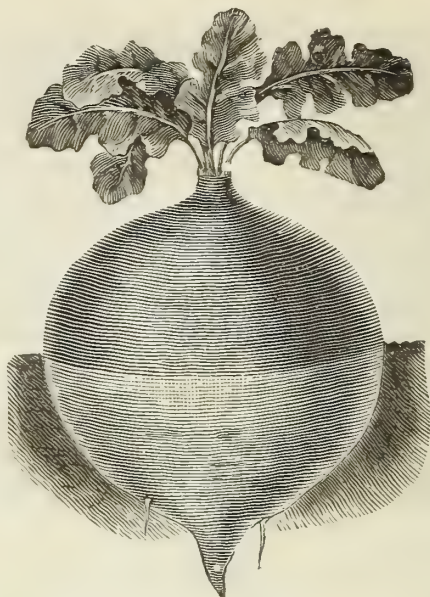
Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.



PURPLE TOP WHITE GLOBE.

Purple Top White Globe. A variety of decided merit. Of globular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.



IMPROVED YELLOW PURPLE TOP RUTA BAGA.

Yellow Aberdeen, or Scotch. Hardy, productive, and a good keeper; globe-shaped, yellow, flesh firm; good for table use or feeding stock.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Large White Norfolk or Globe. A large growing, globe-shaped variety, flesh coarse-grained and sweet; one of the best early for feeding stock.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Improved Yellow Purple Top Ruta Baga, or Swedish Turnip. The leading market variety, and principally grown for stock as well as for family use. Hardy, productive, flesh yellow, solid, sweet, fine-grained, and of good flavor.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Golden Globe Ruta Baga. One of the best and sweetest for family use, also good for feeding stock; flesh yellow, and of excellent flavor.

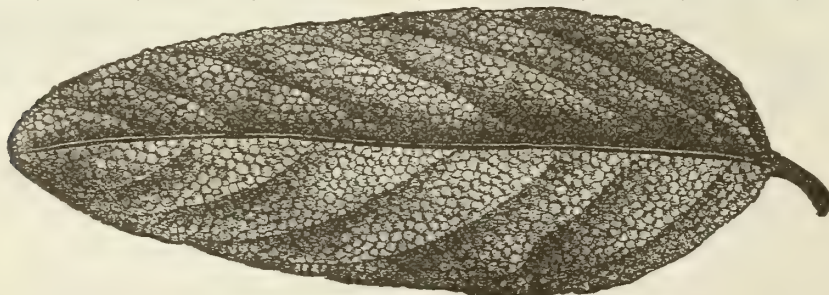
Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Sweet German (White French). The best of the Ruta Bagas for table use, flesh white, fine grained, sweet and mild. A good keeper.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Seven Top, or Forester (Southern Greens). Will stand the winter as far north as Philadelphia. It is largely grown in the South for producing an abundance of foliage to boil with cured meats, etc.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.



HOLT'S MAMMOTH SAGE.

VEGETABLE PLANTS AND ROOTS.

We grow large quantities of vegetable plants and roots, and can supply all the varieties listed below in their proper season.

Cold frame Cabbage, Cauliflower and Lettuce are ready for planting as soon as the ground can be worked; hot-bed plants follow in April and May. Pepper, Tomato and Sweet Potato plants are ready in May and June. Celery, fall and winter Cabbage can be supplied July 1st to August 20th. Asparagus, Chives, Horse Radish, Rhubarb and Tarragon thrive best if planted early.

We pay postage on Vegetable and Flower Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.

VEGETABLE PLANTS—Continued.

Asparagus (Conover's Colossal). 2 year old roots \$1.00 per 100, \$8.00 per 1,000.

Artichokes (Jerusalem). 25 cts. per qt., postpaid 45 cts.

Cabbage Plants (Cold Frame). Ready March and April. Henderson's Early Summer, Early Jersey Wakefield, Early Winnigstadt, Flat Brunswick. \$1.00 per 100, \$8.00 per 1,000.

Cabbage Plants (Hot-Bed). Same varieties, as above, ready after April 1st. 50 cts. per 100, \$4.00 per 1,000.

Cabbage Plants (Field Grown). Ready July 1st. Large Late Drumhead, Large Late Flat Dutch, Perfection Drumhead Savoy, and Red Drumhead. 40 cts. per 100, \$3.00 per 1,000.

Cauliflower Plants (Cold Frame). Ready in March and April. Early Erfurt and Snowball. 75 cts. per doz., \$4.00 per 100.

Cauliflower Plants (Hot-Bed). 30 cts. per doz., \$1.50 per 100, \$10.00 per 1,000.

Celery Plants. Ready July 1st. Drear's Large White Solid, Boston Market, Golden Dwarf and White Plume. 50 cts. per 100, \$4.00 per 1,000.

Chives. For flavoring. 25 cts. per clump, \$2.50 per doz.

Egg Plants. Ready in May and June. New York Improved Large Purple. Grown in pots. 75 cts. per doz., \$5.00 per 100.

Egg Plants. Ready in May and June. New York Improved Large Purple. Out of hot-beds. 40 cts. per doz., \$3.00 per 100.

Hop Vine Roots. 50 cts. per doz., \$2.50 per 100. By mail 60 cts. per doz.

Horse Radish Sets. 20 cts. per doz., 75 cts. per 100, \$6.00 per 1,000. By mail 30 cts. per doz.

Lettuce Plants. Ready in April and May. Dutch Butter, Hanson. 15 cts. per doz., 50 cts. per 100.

Pepper Plants. Ready in May and June. Large Sweet Bell. 25 cts. per doz., \$1.50 per 100.

Rhubarb Roots. Linnaeus and Victoria. Strong roots 25 cts. each, \$2.50 per doz. Small roots 15 cts. each, \$1.50 per doz., \$10.00 per 100.

Paragon Rhubarb. An excellent variety, of vigorous growth and fine flavor. It seldom runs to seed, and is, in all respects, a very desirable sort for the family garden. 25 cts. each, \$2.50 per doz.

Sage (Holt's Mammoth). A large leaved variety that will come into general use. It spreads rapidly, never runs to seed, and when once planted will take care of itself. 15 cts. each, \$1.00 per doz., \$6.00 per 100.

Tarragon. For flavoring; the young leaves are used for pickles, vinegar, etc., imparting a delightful flavor. 25 cts. each, \$2.50 per doz. By mail 30 cts. each.

Sweet Potato Plants. Ready in May and June. We grow large quantities of the following varieties, and are in position to make contracts for large lots.

Red Nansemond. **Yellow Nansemond.** 30 cts. per 100, \$2.50 per 1,000.

Tomato Plants. Ready in May and June. We make a specialty of Tomato plants, and can always supply through the season well-grown plants of the following:

| | |
|-------------------|------------------------------------|
| Acme, | Livingston's Favorite, |
| Cardinal, | " Perfection, |
| Paragon, | " Beauty, |
| Mikado, | Drear's Selected Trophy, |
| Optimus, | Turner's Hybrid. |
| 25 cts. per doz., | \$2.00 per 100, \$15.00 per 1,000. |

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE.

| | Lbs. per bush. | | Lbs. per bush. |
|-------------------------------------|----------------|-------------------------------------------|----------------|
| Barley, broadcast..... | 48 | Melon, Musk, in hills..... | 2 to 3 lbs. |
| Beans, Dwarf, in drills..... | 60 | Melon, Water, in hills..... | 4 to 5 lbs. |
| Beans, Pole, in hills..... | 60 | Millet..... | 1 bush. |
| Beets, Table, in drills..... | 6 lbs. | Oats, broadcast..... | 2 to 3 bush. |
| Beets, Mangel-Wurzel..... | 5 lbs. | Onion, in drills..... | 6 to 8 lbs. |
| Broom Corn, in hills..... | 46 | Onion for Sets, in drills..... | 50 lbs. |
| Buckwheat..... | 48 | Onion Sets, in drills..... | 6 to 12 bush. |
| Cabbage, in beds to transplant..... | 4 lb. | Parsnip, in drills..... | 4 to 6 lbs. |
| Carrot, in drills..... | 3 to 4 lbs. | Round Peas, in drills..... | 1½ bush. |
| Clover, Red..... | 60 | Wrinkled Peas, in drills..... | 1½ bush. |
| Clover, White..... | 60 | Peas, broadcast..... | 3 bush. |
| Clover, Alsike..... | 60 | Potatoes (cut tubers)..... | 8 bush. |
| Clover, Lucerne or Alfalfa..... | 60 | Pumpkin (in hills)..... | 3 lbs. |
| Corn, in hills..... | 8 to 10 qts. | Radish, in drills..... | 8 to 10 lbs. |
| Corn, for Fodder..... | 3 bush. | Rye, broadcast..... | 1½ to 2 bush. |
| Cucumber, in hills..... | 2 lbs. | Sage, in drills..... | 8 to 10 lbs. |
| Flax, broadcast..... | 56 | Salsify, in drills..... | 8 to 10 lbs. |
| Grass, Kentucky Blue..... | 14 | Spinach, in drills..... | 15 lbs. |
| Grass, Orchard..... | 12 | Squash (bush varieties), in hills..... | 4 lbs. |
| Grass, English Rye..... | 24 | Squash (running varieties), in hills..... | 3 lbs. |
| Grass, Red Top..... | 10 | Sugar Cane..... | 12 lbs. |
| Grass, Timothy..... | 45 | Turnip, to transplant..... | ½ lb. |
| Grass, Hungarian..... | 48 | Turnip, in drills..... | 2 lbs. |
| Grass, Lawn..... | 15 | Turnip, broadcast..... | 2 lbs. |
| Hemp..... | 44 | Vetches, broadcast..... | 2 to 3 bush. |
| Kale..... | 5 lbs. | Wheat, broadcast..... | 1½ to 2 bush. |

QUANTITY OF SEEDS REQUIRED FOR A SPECIFIED LENGTH OF DRILL.

| | | | |
|-------------------------|-----------------------------|---------------------|-----------------------------|
| Asparagus..... | 1 oz. for 60 ft. of drill. | Parsnip..... | 1 oz. for 150 ft. of drill. |
| Beet..... | 1 oz. for 50 ft. of drill. | Peas..... | 1 qt. for 100 ft. of drill. |
| Beans, Dwarf..... | 1 qt. for 100 ft. of drill. | Pumpkin..... | 1 oz. for 40 hills. |
| Beans, Pole..... | 1 qt. for 150 hills. | Radish..... | 1 oz. for 75 ft. of drill. |
| Carrot..... | 1 oz. for 150 ft. of drill. | Salsify..... | 1 oz. for 70 ft. of drill. |
| Cucumber..... | 1 oz. for 50 hills. | Spinach..... | 1 oz. for 75 ft. of drill. |
| Corn..... | 1 qt. for 200 hills. | Squash, Early..... | 1 oz. for 50 hills. |
| Dandelion..... | 1 oz. for 200 ft. of drill. | Squash, Marrow..... | 1 oz. for 20 hills. |
| Endive..... | 1 oz. for 150 ft. of drill. | Turnip..... | 1 oz. for 150 ft. of drill. |
| Leek..... | 1 oz. for 100 ft. of drill. | Cabbage..... | 1 oz. for 2000 plants. |
| Melon, Water..... | 1 oz. for 30 hills. | Cauliflower..... | 1 oz. for 2000 plants. |
| Melon, Musk..... | 1 oz. for 50 hills. | Celery..... | 1 oz. for 3000 plants. |
| Okra..... | 1 oz. for 40 ft. of drill. | Egg-Plant..... | 1 oz. for 1000 plants. |
| Onion..... | 1 oz. for 100 ft. of drill. | Lettuce..... | 1 oz. for 3000 plants. |
| Onion, Sets, small..... | 1 qt. for 40 ft. of drill. | Pepper..... | 1 oz. for 1000 plants. |
| Parsley..... | 1 oz. for 125 ft. of drill. | Tomato..... | 1 oz. for 1500 plants. |

LAWN GRASS SEEDS.

As a good lawn is an indispensable adjunct to every place, either large or small, care should be exercised in making it to have the work done properly, for if rightly done it will last for years, whereas, if slighted in the beginning, it will be a constant source of annoyance and expense. In making a new lawn, it is desirable that all tree planting and laying out of flower-beds should be accomplished first. The ground should then be thoroughly dug or plowed to the depth of ten or twelve inches, using liberally well-decomposed manure or "fertilizers." Of the latter, we recommend bone meal as being more lasting in its effects, less liable to burn the young grass, and free from weeds. It should be applied at the rate of 600 to 1000 pounds per acre, according to the quality of the soil. After plowing, the ground should be well harrowed to reduce it to as fine a condition as possible, as well as to make it level, as nothing detracts so much from the appearance of a lawn as an uneven surface. After the seed has been sown and raked in, the roller should be used to "firm" the surface; this, where possible, should not be overlooked, as the germination of the seed is aided materially by this process. Care should be exercised in raking not to work the seed in too deep; one-quarter inch is ample covering. If covered deeper germination is retarded or prevented altogether.

The best time for sowing is in spring, from February to May, or in September, using not less than four bushels per acre. Weeds should be kept out of the new lawn, as they smother the young and tender blades of grass; it is a mistaken idea that the weeds shade the grass from the sun and so aid its growth. The real fact of the matter is that the grass is much better able to cope with the sun's rays than to overpower the rank weeds, which appear in every new lawn, the presence of which is usually charged to the seedsman who has furnished the seed, the purchaser failing to recognize nature's abhorrence of a vacuum, and to observe wherever the earth is disturbed weeds spring up immediately to cover the barren surface.

When the grass has attained three inches in height it should be mown, care being exercised not to cut it too close. Frequent rolling and mowing will make the turf close and company strengthen the grass, and render the lawn smooth and attractive.

Owing to the varying condition of soils some grasses thrive luxuriantly where others would starve. If our customers will state the quality, condition and aspect of their soils, we shall be pleased to offer any advice desired, and also make any "special mixture," when necessary to obtain a satisfactory result.

For Tennis, Croquet, and Base-ball grounds, six bushels should be sown per acre, otherwise the same method should be observed as for making lawns. The bare and unsightly spots and runs can be readily covered and made green by digging the surface in September and rolling to make an even surface; rake roughly the surface, sow the seed, and again rake lightly and roll. By spring the grass will be well established. The seed should be applied liberally to the bare spots, using twice the quantity as for lawns.

Lawns require feeding constantly in order to keep up their vigor; for this purpose we recommend our bone dust as being of high grade and supplying all the requirements of a lawn fertilizer. A top-dressing, once a month, at the rate of two hundred and fifty pounds per acre, will keep the lawn in a thriving condition.



➤ DREER'S FAIRMOUNT PARK MIXTURE ◀

Is a compound of grasses which ripen successively, thereby always presenting a green and cheerful appearance. Lawns sown with one or two grasses turn brown under our hot midsummer sun, and remain in that condition until the cool months of autumn revive them. The mixture we offer has stood the test of years, and our rapidly increasing sales prove conclusively that its merits are becoming widely known by those who recognize the inalienable law of cause and effect, and who realize that, in order to produce permanent results, first quality goods only must be used. In no branch is it more true than in that of seeds. The temptation is strong to include in mixtures the "cheap and impure," but in Dreer's Fairmount Park Lawn Mixture, one grade—and that the highest—is rigidly adhered to. Many of the finest private grounds around Philadelphia are sown with our grasses only. For Railroad Embankments, Terraces, etc., Dreer's Fairmount Park Lawn Mixture is admirably adapted, as it speedily forms a thick turf that will effectually prevent "washing."

20 cts. per quart, postpaid, 25 cts. per quart; \$4.00 per bushel of 20 lbs.



Dreer's Evergreen Lawn Mixture.

An improved mixture which we are confident will supersede our Fairmount Park Mixture. Many of the European grasses have been neglected because of their high price, but their value for lawn purposes in this country has been demonstrated so clearly that their use will be rapidly extended. By a judicious use of some of the Fescues and other foreign grasses with the standard lawn grasses of America we are enabled to offer to our customers a mixture which for all good staying qualities is unsurpassed. Modern lawns demand grasses that are able to stand the wear and tear consequent to their use for Lawn Tennis, Croquet, etc.

Many of our native grasses grow luxuriantly during early spring and late fall, but are valueless during the dry midsummer months; special attention has been given in this mixture to incorporate only such varieties as are able to withstand prolonged drought and present at all times a green and healthy sward.

For permanence, for beauty under all circumstances and for value, we are confident Dreer's Evergreen Lawn Mixture will meet all requirements. When desired we shall be pleased to make special mixtures for any soil, or give our customers the benefit of our long experience in matters pertaining to lawn or field.

25 cts. per qt., 30 cts. per qt. postpaid, \$5.00 per bushel of 20 lbs.

GRASS SEEDS FOR LAWN and FIELD.

We make a specialty of grass seeds and send out only the most useful varieties which are adapted to this country. All that we offer have been re-cleaned and will meet the views of the most critical trade. Owing to the varying bulk of grass seeds from season to season (owing to climatic conditions which cannot be controlled), they are always put up by us by weight and not by measure, thereby securing to our customers the amount they pay for, as prices are based on weight and not on bulk.

Fancy Cleaned Kentucky Blue Grass (*Poa pratensis*). Also known as June Grass. It is one of the most valuable sorts for lawn purposes and as a pasture grass is indispensable. It thrives in dry soils and retains its verdure during the hottest weather. This grade is the best for sowing lawns. 20 cts. qt., 25 cts. per qt. postpaid, bushel (14 lbs.) \$2.00.

Extra Clean Kentucky Blue Grass (*Poa pratensis*). The same as the above, except that it is of a lower

grade. This quality can be used for mixing with other grass for field sowing, but is not recommended for lawns. 15 cts. qt., 20 cts. per qt. postpaid, bushel (14 lbs.) \$1.75.

Natural Green Grass (*Poa pratensis* variety). A native grass of luxuriant growth; it forms a heavy sward, but does not retain its color as well as Blue Grass. 25 cts. per qt., 30 cts. per qt. postpaid, bushel (14 lbs.) \$4.00.

Our Lawn Circular, giving full and explicit instructions on the management of Lawns, sent free on application.

GRASS SEEDS—Continued.



RED TOP.



MEADOW FESCUE.



ENGLISH RYE GRASS.



SHEEP'S FESCUE.



MEADOW FOXTAIL.



BLUE GRASS.

Herd, or Red Top Grass (*Agrostis Vulgaris*). A valuable native permanent grass, desirable for meadows, pastures or lawns, growing in almost any soil, moist or dry, and standing our hot climate. 15 cts. per qt., 20 cts. per qt. postpaid, bushel (10 lbs.) \$1.00. Per sack of 50 lbs. \$4.00.

English Rye Grass, Perennial Rye (*Lolium Perenne*). A nutritious permanent grass for meadows and pastures, or for mixing with other grasses for lawns. It thrives in almost any soil and yields an early and abundant crop. 20 cts. per qt., 25 cts. per qt. postpaid, bushel (24 lbs.) \$2.50.

Perennial Sweet Vernal (*Anthoxanthum Odorum*). Useful to mix with other grasses for lawns on account of its early growth and agreeable odor when cut. 60 cts. per lb., 65 cts. per lb. postpaid, 10 lb. lots by express \$5.50.

Annual Sweet Vernal (*Anthoxanthum Odorum Puelii*). An annual variety of the Sweet Vernal Grass, which requires reseeding every year unless it stands where it can reseed itself. Lb. 35 cts., postpaid, 43 cts. Bushel (10 lbs.) \$3.25.

Sheep's Fescue (*Festuca Ovina*). This grass forms a large part of the pasturage of the English Downs. It produces a large quantity of short herbage, and should form a part of all mixtures for sheep pastures. Lb. 30 cts., postpaid, 38 cts.; 10 lbs. \$2.75.

Meadow Fescue (*Festuca Pratensis*). Thrives in all soils, and is an excellent grass for permanent pasture or hay, the foliage being highly nutritious. Lb. 35 cts., postpaid, 43 cts.; 10 lbs. \$3.25.

Meadow Foxtail (*Alopecurus Pratensis*). One of the best and earliest of pasture grasses. Thrives best in moist localities, and bears close cropping. Lb. 40 cts., postpaid, 48 cts.; 10 lbs. \$3.50.

Orchard Grass (*Dactylis Glomerata*). One of the most desirable grasses for pastures, sowing under orchards or in shady places. It grows rapidly, thrives in sandy land, and does not suffer from close feeding. Lb. 20 cts., postpaid, 28 cts. Bushel (12 lbs.) \$2.25.

Rhode Island Bent. A fine compact grass, readily forming a heavy sward. Useful for lawns. Lb. 30 cts., postpaid, 38 cts.; 10 lbs. \$2.50.

Tall Meadow Oat Grass (*Avena Elatior*). A valuable grass for soiling or permanent pasture, of early and luxuriant growth; also makes splendid hay. Lb. 35 cts., postpaid, 43 cts.; 10 lbs. \$3.25.

Timothy (*Phleum Pratense*). Considered by many the best of the grasses for feeding to horses. It makes excellent hay and produces heavy crops. Lb. 15 cts., postpaid, 30 cts. Bushel (45 lbs.) about \$2.50 (subject to market changes).

Wood Meadow Grass (*Poa Nemoralis*). Particularly adapted for pleasure grounds and lawns; will grow under trees, where few other grasses can exist. Lb. 40 cts., postpaid, 48 cts.; 10 lbs. \$3.50.

Johnson Grass (*Sorghum Halapense*). A perennial grass, which grows with all the luxuriance of the millets. It is tender and nutritious, and is liked by all kinds of stock. It should be cut just as it comes into bloom. Two heavy crops can be cut each season. Lb. 25 cts., postpaid, 33 cts. Bushel (25 lbs.) \$4.75.

Flint's Mixture. For permanent pasture lands. Adapted to different soils. Sow 2 bushels to the acre. Qt. 20 cts., postpaid, 25 cts. Bushel (20 lbs.) \$3.50.



ALFALFA, OR LUCERNE.



LESPEDeza STRIATA (JAPAN CLOVER).



WHITE CLOVER.

CLOVER SEEDS.

Alsike, or Swedish (*Trifolium Hybridum*). An excellent variety, of luxuriant growth and very sweet, valuable for pasturage or ensilage. Lb. 25 cts., postpaid, 33 cts.; 10 lbs. \$2.25.

Alfalfa, or Lucerne (*Medicago Sativa*). One of the best varieties, succeeding in almost every situation, and bearing heavy crops of forage; will bear cutting three or four times during the season. For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage but forces its roots down fully three feet into the earth. Sow early in spring to secure a good stand before winter if to be used for pasturage or for curing. Lb. 25 cts., postpaid, 33 cts.; 10 lbs. \$2.25. Bushel (60 lbs.), \$12.00.

Bokhara Clover (*Melilotus Alba*). A rapid growing white-flowered sort, excellent for bee food, for which purpose it should be largely grown. Lb. 30 cts., postpaid, 38 cts.; 10 lbs. \$2.75.

Japan Clover (*Lespedeza Striata*). A low-branching clover that does well in the South. It thrives on poor land and produces continual herbage. Not adapted to Northern latitudes, as it is only half-hardy. Lb. 50 cts., postpaid, 58 cts.

Red Clover (*Trifolium Pratense*). The leading variety of clover for pastures or meadows. The seed we offer is re-cleaned and free from weeds. Lb. 15 cts., postpaid, 23 cts. Bushel (60 lbs.), about \$5.00 (subject to market changes).

Scarlet Clover (*Trifolium Incarnatum*). Brilliant scarlet flowered, very productive, and greedily eaten by cattle; remains green longer than the red variety, and is excellent for bee food. Lb. 20 cts., postpaid, 28 cts.; 10 lbs. \$1.75., 100 lbs. \$15.00.

Sainfoin, Esparsette, or Holy Clover (*Hedysarum Onobrychis*). A valuable clover for the Middle and Southern States. In some sections it is considered indispensable, as it increases the flow of milk. The seeds are more nutritious than oats, and are readily eaten by fowls. Lb. 25 cts., postpaid, 33 cts.; 10 lbs. \$2.25.

White Dutch Clover (*Trifolium Repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season; it also affords excellent food for bees. We offer highest grade of seed only. Lb. 35 cts., postpaid, 43 cts. 10 lbs. \$3.00, by express or freight.

MILLET.

Remit for postage on Millet 13 cts. per qt., when ordered to be sent by mail.

Common Millet (*Panicum Miliaceum*). Very early, 2 to 3 feet high, foliage broad, heads open, branching panicles. Weight per bushel 48 lbs. Qt. 15 cts., postpaid, 28 cts., bush. \$1.50.

German, or Golden Millet. Medium early, 4 to 5 feet high, close heads, numerous spikes, seeds round, of a golden yellow color. Weight per bushel 48 lbs. Qt. 15 cts., postpaid, 28 cts., bush. \$1.75.

Hungarian Millet (*Panicum Germanicum*). Early and productive, growing 2 to 3 feet high, with an abundance of foliage and slender heads. Weight per bushel 48 lbs. Qt. 15 cts., postpaid, 28 cts., bush. \$1.50.

Egyptian, or East India Pearl Millet (*Pennisetum Spicatum*). Grows from 8 to 10 feet high. When cultivated for fodder sow in drills 3 feet apart, and thin out in the rows to 1 foot apart; sow 3 to 5 lbs. per acre. Lb. 25 cts., postpaid, 33 cts.; 10 lbs. \$2.00.

Reana Luxurians (*Teosinte*). In its perfection it produces a great number of shoots, growing 12 feet high, very thickly covered with leaves, and yielding an abundance of forage. Oz. 25 cts., lb. \$2.50.

Rural Branching Dhoura or Egyptian Rice Corn (*Sorghum Vulgare*). A valuable forage plant, growing 8 to 10 feet high and producing an abundance of foliage, which is greatly relished by stock. When grown for the grain, plant in hills 4 feet apart each way, and cultivate same as corn. When wanted for fodder, sow in drills, 4 feet apart and 4 inches in the drill. When it has attained the height of 5 feet it may be cut for forage. The plants will bear cutting every 4 weeks until frost. Lb. 25 cts., postpaid, 33 cts., 10 lbs. \$2.00.

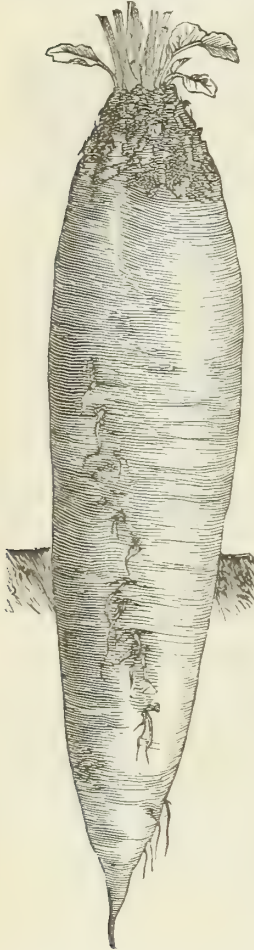
Farm Seeds are sent by freight or express at purchaser's expense. When ordered to be sent by mail add 3 cts. per lb.

FARM SEEDS.

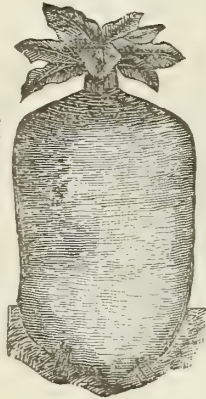
We give special attention to the quality of all our Farm Seeds, and send out only re-cleaned stock. It is our aim to send out pure stock, true to name. For green manures we recommend sowing thickly Sugar Cane, Lupins, Tares, Field Peas, Rye, and Oats, and plowing under when 6 to 8 inches high.

SUGAR BEETS AND MANGELS.

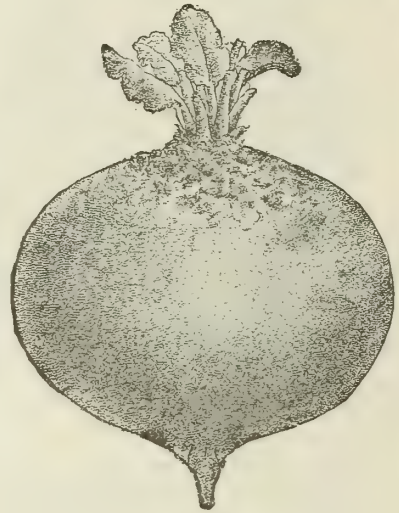
For stock feeding these are indispensable. No one who keeps horses, sheep or cattle should be without these roots for winter and fall feeding. They are rich in saccharine matter, increase largely the flow of milk, and are excellent for feeding to fattening stock.



WHITE SUGAR BEET.



GOLDEN TANKARD MANGEL.



RED GLOBE MANGEL.

SUGAR BEETS.

Improved Imperial White Sugar. An improvement on the other varieties of Sugar Beets; more hardy and containing a greater percentage of sugar.

Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Lane's Improved White Sugar. This Sugar Beet attains a large size, and grows considerably above the ground; fine for feeding. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

White Sugar. A large growing variety, excellent for stock feeding and sugar-making. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Sugar Cane. A very sweet and large growing beet. Should be grown by stock raisers, as it is an excellent variety. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

MANGEL WURTZEL.

Golden Tankard. Considered indispensable by the best dairymen, owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin.

Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Golden Yellow Mammoth. A long Mangel, resembling in form and size the Red Mammoth; flesh, leaf stalks and midrib of the leaves golden yellow, flesh rich in saccharine matter. This should be grown largely by all interested in dairying, as it will be found extremely rich in all the elements of high feeding.

Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Mammoth Long Red. A variety that is grown extensively by agriculturists. It produces large roots partly above the ground. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Norbiton Giant. An exceedingly heavy cropper, grows nearly two-thirds of its length out of the ground. Though of immense size it is easily harvested and is a valuable sort. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Red Globe. A large red oval variety, which keeps well, and produces better crops on shallow soil than the Long Red. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Orange Globe. The same as the above, only differing in color. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

FIELD PEAS, ETC.

White Southern Cow. Also known as Sand Pea, a small white variety with black eye. Sow 2 bushels to the acre. Qt. 20 cts., postpaid 35 cts., bu. \$3.00.

Tares, or Spring Vetches. A good forage plant, also used for plowing under; sow 1 bushel to the acre.

Qt. 25 cts., postpaid 40 cts., bu. \$4.00.

Lupins, Yellow Field. Grown for green manure; also good for sheep. Sow from April to June, and plow under when in bloom. Sow ½ bushel to the acre.

Qt. 40 cts., postpaid 55 cts., bu. \$8.00.

BROOM CORN.

Add for postage on Broom Corn 10 cts. per qt.

Improved Evergreen. This variety is extensively grown on account of the color and quality of its brush, which is long, fine, and straight, and always green; grows 7 feet high. Qt. 15 cts., bu. \$3.00.

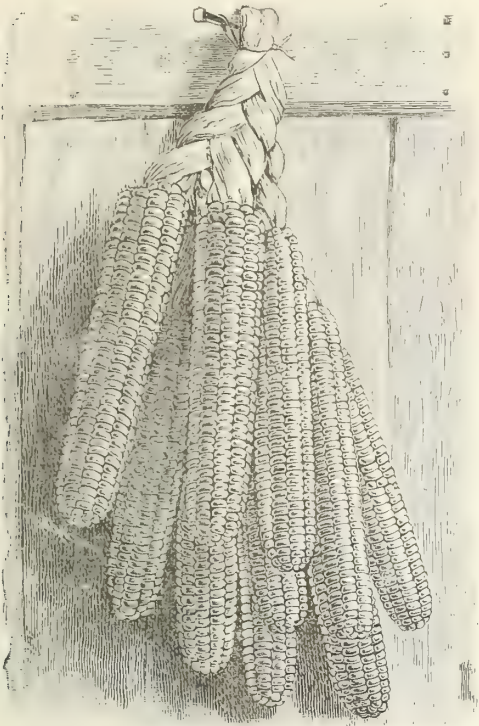
Large California Golden. One of the most popular kinds for making brooms; does not require bending down, as the brush has a leaf or sheath around its base, which keeps it from crooking; grows about 12 feet high, brush long and straight, green-tipped red when ripe. Qt. 20 cts., bu. \$3.50.

Dwarf. Grows about 4 feet high, extra fine for making brushes or whisks. Qt. 20 cts., bu. \$3.50.

Farm Seeds are sent by express or freight at purchaser's expense except where noted. Add to the cost of the seed when remitting 22 cts. for each 2 bu. seamless bag required.

FIELD CORN.

Our seed corn has been grown for us by specialists, and will be found of the highest grade as to quality and germinating power. We shall be pleased to quote any varieties not listed herein.



EARLY YELLOW CANADA.

Early Yellow Canada, or Flint. A ninety day corn, used principally for replanting where the other varieties fail to come up, and then maturing at the same time with the common field varieties; good for northern latitudes. Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.

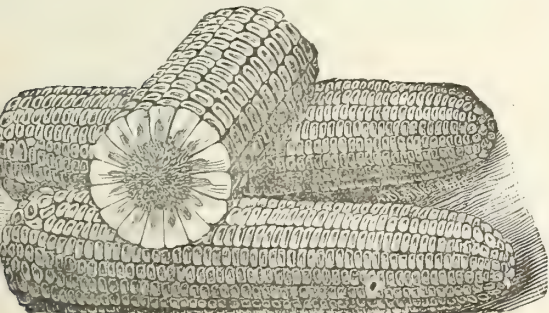
Compton's Early Yellow. The earliest variety, ripening in 76 days, producing about 100 bushels per acre, ears long, grain medium, bright yellow and flinty; best adapted for mountain regions and north of Pennsylvania. Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.

Cloud's Early Yellow Dent. Early, strong and vigorous, growing from 6 to 8 feet high, producing large, handsome ears, with unusually deep grains. This is a remarkably prolific corn, and should be largely grown by careful farmers. It is in all respects a variety worth growing.

Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.

Longfellow. A remarkably long-eared early yellow flint corn. A desirable variety for making meal.

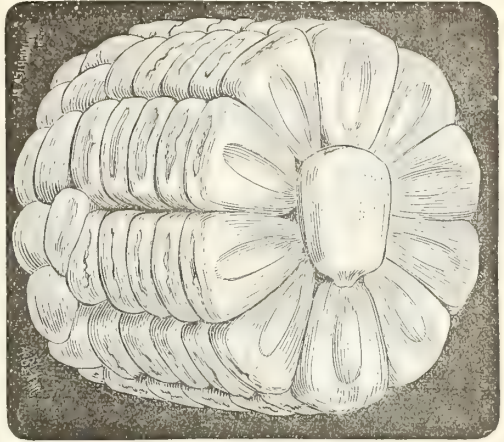
Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.



GOLDEN BEAUTY.

Golden Beauty. Very large handsome yellow grains. The ears are filled out to the extreme end; the cob is unusually small; it matures very early, and its yield is enormous. Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.

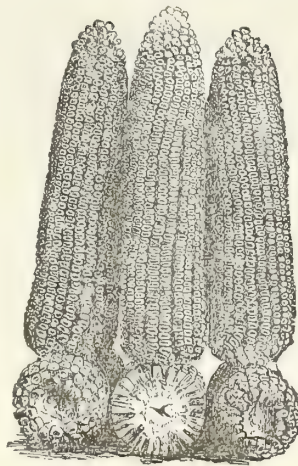
Early Large White Flint. The old Hominy eight-rowed variety; very early, productive, and of good quality. Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.



HICKORY KING.

Hickory King. A distinct White Dent Field Corn; the cob is remarkably small, and as shown in the cut can be nearly covered by a single grain. The stalks are strong, and bear two and occasionally three ears. As it is very productive and of good quality we feel certain it is a variety that has come to stay.

Qt. 20 cts., bu. \$1.75.



LEAMING GOURD SEED.

Leaming Gourd Seed. One of the best and most productive varieties, having very deep grains and hardly any cob. A reliable sort, and one that should be planted largely.

Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.

Self-Husking. Ears 10 to 12 inches long, cob very small, grains amber-colored. To its productiveness it adds the peculiar quality of growing out of the husk, thereby rendering the labor of husking very light. Per pkt. 10 cts., qt. 25 cts., bu. \$3.00.

White Surprise. The best and most productive White Dent Corn; makes splendid meal for family use.

Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.

ENSILAGE CORN

Red Cob Ensilage. A pure white Corn growing on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce 25 to 30 tons per acre. Sow $1\frac{1}{4}$ to $1\frac{1}{2}$ bushels per acre.

Qt. 15 cts., bu. \$1.50.

Southern Fodder. Another white variety that every Silo owner or dairy farmer should not overlook. It grows 12 to 16 ft. high, has broad foliage and tender stalks. There is no better fodder to keep up the flow of milk during hot weather when the grass is burned up. It will yield 30 to 40 tons per acre. Sow $1\frac{1}{4}$ to $1\frac{1}{2}$ bushels per acre. Qt. 15 cts., bu. \$1.50.

Blount's Prolific White. (Ensilage Corn.) This variety bears 4 to 6 ears per stalk, grain plump and white; it is very productive, and is also considered the best variety for making ensilage. Qt. 15 cts., bu. \$1.50.

Sweet Fodder Corn. (For Soiling or Ensilage.) Profitable as green fodder, cut when green to feed to cattle. Sow broadcast 2 bushels, and in drills 3 feet apart 1 bushel per acre. Bu. \$2.25.



KAFFIR CORN.

One of the best things offered of late years for a forage plant. The heads contain small white seeds which make an excellent flour. They are greedily eaten by horses and cattle, and make excellent food for poultry either fed in the grain or ground and cooked. The foliage and stalks make excellent fodder.

5 cts. per pkt.; 40 cts. per lb.; 10 lbs., \$3.00.

BRANCHING DHOURA. (Millo Maize.)

A valuable South American forage plant. It produces a large quantity of foliage, as it branches from the joints and will thrive even when corn is suffering from drought. It can be cut several times during the season, as it springs up again freely from the roots. If left to ripen its seed it will bear at the rate of 50 bushels per acre. Sow in April in rows 4 feet apart and drop 4 or 5 seeds in hills 18 inches apart in the row. Cultivate same as corn.

20 cts. per lb., 28 cts. postpaid, $\frac{1}{4}$ bu. \$1.25, bu. \$4.00.

SUGAR CANE.

Early Amber. The earliest and most productive variety. Height 10 to 12 feet. Its saccharine matter is of first quality, fine and rich. One of our best green fodder plants, producing from 2 to 3 cuttings during the summer. Sow 4 qts. in drills and 8 qts. broadcast to the acre.

Qt. 20 cts., postpaid 35 cts., bu. \$3.00.



BUCKWHEAT.

Japanese. A new variety of Buckwheat, which possesses qualities that will render it much sought after. It is enormously prolific, yielding double the weight of other sorts. It makes an excellent flour, equal in quality to the Silver Hull.

Lb. 15 cts., postpaid 25 cts., bushel (48 lbs.) \$2.50.

Silver Hull. Ripens 10 days to 2 weeks earlier than the common variety, a heavy yielder, and not easily affected by drought. The berry is of a light silvery-gray color, and the flour is whiter and more nutritious than that made from the common sort.

Lb. 15 cts., postpaid 25 cts., bu. (48 lbs.) \$2.50.

Common. Lb. 10 cts., postpaid 20 cts., bushel (48 lbs.) \$1.50.

WINTER WHEAT.

Fultz. The leading Red Winter Wheat in this section. Berry full, hard, and considered by millers No. 1. Heavy cropper. Straw stiff, and does not lodge easily.

Peck 40 cts., bu. (60 lbs.) \$1.50.

Fulcaster. A red berried, high grade wheat. Berry large, hard and of good milling quality. Prolific, straw stiff. Peck 40 cts., bu. \$1.50.

Martin's Amber. Heads long and heavy; berry plump, amber-colored and excellent for milling. It yields heavily, and is in every way a desirable sort.

Peck 50 cts., bu. \$1.75.

Hybrid Mediterranean. An amber-colored berry, largely grown in some sections.

Peck 40 cts., bu. \$1.50.

RYE.

White. The best variety; a heavy cropper, and stands the winter better than almost any other sort.

Peck 40 cts., bu. \$1.25.

BARLEY.

Common. The variety usually sown. Peck 40 cts., bu. \$1.25.

FLAX.

When grown for seed, sow 1 bushel per acre; if fibre is wanted, sow at the rate of 2 to 3 bushels. The soil should be well cultivated. Peck 60 cts., bu. \$2.25.

SUNFLOWER.

Large Common. Large flowers, producing an abundance of seed. Qt. 20 cts., postpaid, 28 cts., bu. \$2.50.

Mammoth Russian. Bears extra large flowers, which produce a very heavy crop of seed.

Qt. 20 cts., postpaid 28 cts., bu. \$3.50.



CLYDESDALE OATS.

One of the most important additions to the list of farm seeds that has been sent out for many years. Well-cleaned samples of these Oats will weigh 51 lbs. per bushel, while an ordinarily cleaned lot will weigh 45 lbs. Aside from its extraordinary weight, it ripens ten days earlier than any other. Straw stiff, and free from any tendency to lodge.

Peck 50 cts., bu. (32 lbs.) \$1.50.

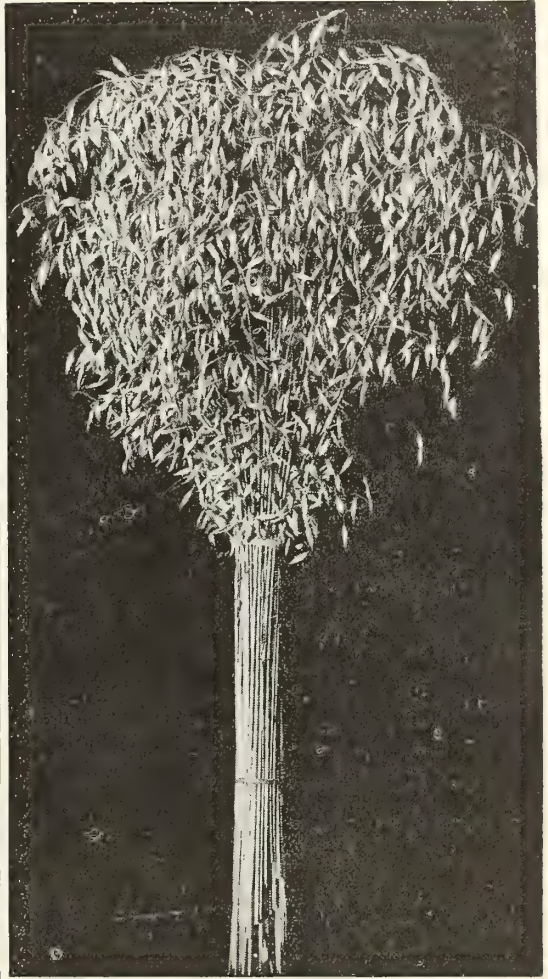
Pringle's Progress. A short growing variety, matures early, heads large and filled with plump berries. Does not lodge. Peck 50 cts., bu. \$1.50.

Wide Awake. A remarkably productive variety, yielding 65 to 125 bushels per acre, according to the nature and condition of the soil. The grain is heavy and plump, and has a thin husk. Straw stiff and vigorous, showing no sign of rust. This variety has been thoroughly tested, and proved to be a superior sort, both in quantity and quality. Peck 50 cts., bu. \$1.50.

Welcome. An excellent variety, very productive and heavy; straw stiff; grain plump. Averages 45 lbs. per measured bushel, with good cultivation. One of the very best varieties for ordinary soils. Peck 40 cts., bu. \$1.25.

American Triumph. Straw strong and firm, bearing large heads, well filled with plump, heavy grain; destined to be a leading variety. Peck 50 cts., bu. \$1.50.

White Russian. An extremely handsome and prolific variety. The straw is stiff and bears large heads well filled with plump and heavy grain. A valuable sort for feeding either as green fodder or dry grain. Peck 50 cts., bu. \$1.50.



"AMERICAN BEAUTY" OATS.

This variety was tested at the experimental station at Geneva, N. Y., in 1886, and the report is as follows: American Beauty are long and taper-pointed; average height 3 feet 3 inches, straw very erect and stout, leaves often exceeding 16 inches in length; averaging length of panicle 9 inches; berry large. This variety is destined to become very popular, and is one of the most prolific varieties known. This sort we can confidently recommend as being a reliable new Oat. It is a heavy cropper and does not lodge. The straw is excellent for fodder.

Peck 60 cts., bu. \$2.00.



PRIMUS TOBACCO

TOBACCO.

Tobacco will grow in almost any location, but the best results are obtained from light, rich soil which will not bear a rank growth. The seed-bed should be thoroughly made, and the ground well pulverized, before sowing the seed, which should be firmly pressed into the soil. Sow thinly, in order that the plants may have sufficient room to grow stocky. After the plants are sufficiently strong transplant to the field where they are to grow. The plants should be well cultivated, care being exercised not to run too close to the plant and destroy the fibrous roots. As tobacco is very sensitive to early and late frosts, it should be covered on cold nights with waterproof muslin, which will keep off several degrees of frost. The varieties we offer are the best and most reliable. Book on Tobacco Culture mailed on receipt of 25 cts.

Connecticut Seed Leaf. Silky foliage, fine flavored. One of the best varieties for cigar wrappers.

Pkt. 10 cts., oz. 30 cts.

Pennsylvania Seed Leaf. The most noted selection grown in Lancaster county. It has a larger and finer leaf than the Connecticut, and produces a large crop of handsome leaves. Pkt. 10 cts., oz. 50 cts.

Havana. The fine qualities of this variety make it indispensable. The seed we offer is the best Vuelta Abajo. Pkt. 10 cts., oz. 50 cts.

Primus. The first to mature and ripen, and the very earliest variety grown. Succeeds well in Canada, where few kinds will ripen, and is especially adapted to plant far North. Leaves large, fibres fine, and texture silky; yields large crops of extra fine quality.

Pkt. 10 cts., oz. 40 cts.

Virginia. Of the best quality, from James River Valley. Pkt. 10 cts., oz. 40 cts.

White Burley. A variety coming rapidly into favor for wrappers. In some sections it has superseded all other kinds. Pkt. 10 cts., oz. 30 cts.

TOBACCO BED CLOTH.

One of the very best and cheapest things for keeping off the frosts. It can be spread over the beds single thick if only chilly nights or slight frosts are apprehended, or if heavier frosts are feared it can be doubled, thereby keeping out quite a heavy frost.

5 cts. per yd., \$2.75 per piece of about 65 yds.

We issue a Farmer's Manual and shall be pleased to send a copy to any of our farming friends. It contains information that will doubtless be of interest and also includes lists of tools and all that is required for the farm.

Farm Seeds are sent by express or freight at purchaser's expense except where noted. Add to cost of seeds when remitting 22 cts. for each 2 bushel seamless bag required.

**PEANUTS.**

Peanuts thrive best on light sandy soils. They should be planted in rows 3 ft. apart and 8 inches in the row, covering them to the depth of 3 inches. They require no care except keeping down the weeds, and will produce on fertile soils 40 to 50 bushels per acre.

Postpaid 25 cts. per lb., peck 75 cts., bu. \$2.75.

Subject to market changes.

TREE SEEDS.

In addition to the varieties listed, we can supply any others at short notice.

Apple Seed (*Pyrus malus*). Lb. 30 cts., postpaid 38 cts., bu. \$8.00.

Peach Pits, Natural Virginia. Qt. 20 cts., postpaid 35 cts., bu. \$1.25.

Pear Seed (*Pyrus communis*). Oz. 25 cts., lb. \$2.50.

Plum Pits (*Prunus communis*). Oz. 10 cts., lb. 50 cts., postpaid 58 cts.

Cherry Pits, Mahaleb (*Cerasus mahaleb*). Oz. 10 cts., lb. 60 cts., postpaid 68 cts.

Cherry Pits, Black Mazzard (*Cerasus communis*). Oz. 10 cts., lb. 50 cts., postpaid 58 cts.

White Mulberry (*Morus alba*). Oz. 30 cts., lb. \$3.00.

Russian Mulberry (*Morus moretti*). Now largely planted, and considered the best for Silk-Worm Culture. Oz. 30 cts., lb. \$3.00.

Eucalyptus Globulus, Australian Fever Gum Tree. Extensively planted in the South and California, for destroying malaria. Oz. 75 cts., lb. \$8.00.

Locust, Yellow (*Robinia pseudo acacia*). Largely grown for "wind breaks." Oz. 10 cts., lb. 60 cts., postpaid 68 cts.

Locust, Honey (*Gleditsia triacanthos*). Grown for hedges. Oz. 10 cts., lb. 50 cts., postpaid 58 cts.

Osage Orange (*Maclura aurantiaca*). Sprout the seed before sowing, then sow in rows, and when one year old transplant, 6 inches apart, alternating the plants in double rows, cutting the plants down to the height of 6 inches. Manure well, and plow deep before planting. Oz. 10 cts., lb. 50 cts., postpaid 58 cts., bu. of 33 lbs. \$6.00.

Osage Orange Plants. Strong, 2 years old. \$1.00 per 100; \$7.00 per 1000.

Reliable • Flower • Seeds.

Writing the name as well as giving the number is superfluous and is in no way an aid in filling orders. Please use the Order Sheet. It is desirable that customers should keep a copy of their orders, as frequently we receive complaints of errors, whereas reference to the order shows correct filling.

We offer the following liberal premium on Flower Seeds only when ordered in packets, purchaser's selection, cash to accompany order.

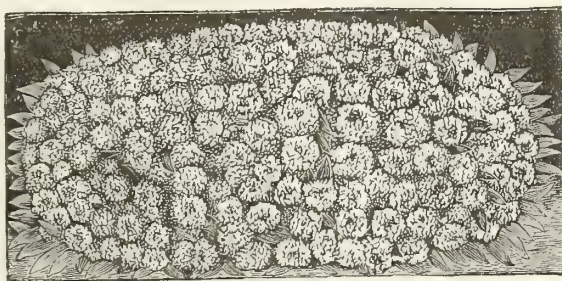
| | | | |
|---------------------------------------------------|--------|----------------------------------------------------|---------|
| For \$1.00, Select Flower Seeds to amount of..... | \$1.15 | For \$ 4.00, Select Flower Seeds to amount of..... | \$ 4.75 |
| For 2.00, " " " " " | 2.30 | For 5.00, " " " " " | 6.00 |
| For 3.00, " " " " " | 3.50 | For 10.00, " " " " " | 13.00 |

| | | |
|------------------------------------|-----------------|-----------------------------------|
| Seeds quoted in this list at 10 to | 25 cts. per oz. | Not less than 1 oz. at oz. price. |
| “ “ “ “ “ “ 30 to | 50 “ “ “ “ “ “ | $\frac{1}{2}$ “ “ “ |
| “ “ “ “ “ “ 60 cts. to \$1.00 | “ “ “ “ “ “ | $\frac{1}{4}$ “ “ “ |

FLOWER SEEDS ARE MAILED, POSTAGE PAID, ON RECEIPT OF PRICE.



ABUTILON.



DWARF SWEET ALYSSUM, LITTLE GEM.



ABRONIA.

A rapid-growing ornamental plant of the gourd species, with beautiful glossy, dark green foliage, and bright scarlet fruit.

| | |
|-------------------------------|----------|
| | PER PKT. |
| 5001 Viridiflora | 10 |

Trailing plants, producing clusters of sweet scented, Verbena-like flowers, especially fragrant towards evening, in bloom a long time; effective in beds, rock-work, or hanging-baskets; peel off the husk before sowing the seed; succeeds in a light, rich soil. Half-hardy annuals; height, 6 inches.

5003 **Arenaria.** A beautiful yellow variety.....10
5006 **Umbellata.** Rosy lilac, with a white eye.....10

(Chinese Bell-Flower.)

Greenhouse shrubs of strong growth and easy cultivation; free-flowering, with various-colored, beautiful drooping bell-shaped flowers. Sown any time before April, in a temperature of 60 degrees, they will produce fine flowering plants the first season.

5010 **Fine Mixed.** Of choice varieties and colors;
2 to 6 feet 25

Elegant greenhouse shrubs, having fine ornamental foliage, and beautiful racemes of various shades of yellow globular flowers. Soak the seed in warm water before sowing.

| | | |
|--------------------|-----------------------------------|----------|
| | | PER PKT. |
| 5013 Mixed. | Fine varieties; 6 to 10 feet..... | 20 |

(Monk's Hood, or Wolfsbane.)

A hardy perennial, growing in any good garden soil, producing curiously shaped flowers in abundance.

5017 **Napellus.** Very pretty blue and white flowers; 3 ft. 5

ACROCLINIUM (See Everlastings).

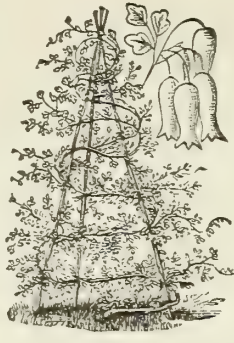
(Mountain Fringe, or Allegheny Vine.)

An attractive and beautiful plant, flowering the first season of graceful habit and pale green delicate foliage.

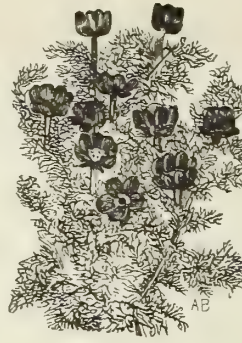
5033 **Cirrrosa.** Clusters of small rosy-lilac flowers;
hardy biennials; 15 feet.....10



AGROSTEMMA.



ADLUMIA.



ADONIS.



ALONSOA.

ACANTHUS.

A stately and beautiful ornamental plant. From the leaf of "Acanthus Mollis," the capital of the Corinthian column is derived. Growing freely in any rich, loamy soil.

PER PKT.

5015 **Mixed.** Hardy perennials; height 3 feet..... 10

ACHILLEA.

A very free-blooming plant, of branching habit. Useful for cut-flowers or for planting in cemeteries. Hardy perennial; 18 inches.

5019 **Ptarmica Plena.** Pure white double flowers.....15

ADONIS.

(Flos Adonis.)

Also known as Pheasant's Eye. Showy hardy annuals of easy culture, with pretty fine-cut foliage, and lasting a long time in bloom.

5031 **Æstivalis.** Dark crimson flowers, with a lighter centre; 1 foot..... 5

AGATHEA.

(Marguerite.)

Very pretty free-blooming plant, bearing Cineraria-like flowers. Hardy annual; 2 feet.

5037 **Cælestis (Blue Marguerite).** Celestial blue.....10

AGERATUM.

Valuable plants for large beds or borders, and very useful where cut-flowers are in demand; in bloom the whole summer; also good for winter blooming, of easy culture, succeeding in any soil; half-hardy annuals.

5045 **Conspicuum.** Fine white flowers; 18 inches..... 5

5041 **Mexicanum.** Lavender blue; 2 feet..... 5

5042 **Imperialis Cærulea.** Dwarf, large heads of blue flowers; 8 inches..... 5

5043 **Imperialis Alba.** Dwarf, large heads of white flowers; 8 inches..... 5

5044 **Lasseauxi.** Greenhouse perennial, blooms first season, flowers rose color; 15 inches.....10

5046 **Cope's Pet.** Lovely azure-blue; 6 inches.....10

AGAPANTHUS.

(African Lily.)

Bulbous-rooted, with evergreen foliage and large heads of small blue flowers. The roots can be preserved during the winter in a cellar protected from frost.

PER PKT.

5035 **Umbellatus.** Blue; 3 feet.....10

AGROSTEMMA.

(Rose of Heaven.)

An attractive free-flowering hardy perennial of easy culture, producing flowers on long slender stems like a single pink; blooms the first season. Fine for cutting; 1 ft.

5050 **Cæli Rosea, Mixed**..... 5

ALONSOA.

(Mask Flower.)

Handsome brilliant-colored free-flowering bedding-plants, blooming until killed by frost; thriving in any good garden soil, also good house plants; half-hardy annuals.

5065 **Grandiflora.** Large-flowering; bright scarlet; 2 feet..... 5

5070 **Mixed.** All colors; 2 feet..... 5

ALYSSUM.

Free-flowering, pretty little plants for beds, edgings or rock-work, or winter blooming; the annual variety blooms all summer.

5082 **Sweet Alyssum (A. Maritimum).** Flowers in white clusters; 6 inches. Per oz. 50 cts..... 5

5086 **Benthami Compactum.** Of true dwarf compact growth; excellent for borders; white.....10

5084 **Saxatile Compactum.** Showy golden-yellow flowers; hardy perennial, blooms the first season; 1 foot..... 5

5087 **Little Gem.** Of dwarf, compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. It begins to bloom when quite small, and the plants are a solid mass of white from spring till late in autumn.....15

ALLAMANDA.

Stove evergreen climbers, bearing profusely, splendid large flowers in clusters; winter and spring blooming.

5063 **Schotti.** Golden yellow.....25



ALLAMANDA.



AGERATUM.



AQUILEGIA.



ACONITUM.



AMARYLLIS.



ANCHUSA.



ANEMONE.



ASPERULA.

AMARANTHUS.

Showy blooming plants, with long racemes of curious-looking flowers, and brilliant foliage; half-hardy annuals.

- PER PKT.
- 5092 **Cruentus** (*Prince's Feather*). Erect-flowering, bright scarlet..... 5
- 5091 **Caudatus** (*Love Lies Bleeding*). Blood-red, drooping; 3 feet..... 5
- 5094 **Gordonii, or Sunrise**. Bronzy crimson foliage, shading off to brilliant scarlet tufts of leaves on top of the stalk, the lower leaves having a scarlet band through the centre; 3 feet..... 10
- 5095 **Henderi**. Of graceful pyramidal growth and long drooping leaves, of brown, madder, and bronze; 4 feet..... 10
- 5096 **Melancholicus Ruber**. Dwarf, compact habit, blood-red foliage; 2 feet..... 5
- 5097 **Salicifolius** (*Fountain Plant*). Of pyramidal, drooping habit, branching close to the ground. The leaves are at first of a bronzy green shade, changing a bright orange-carmine and bronze color, forming magnificent plumes; 4 feet. Per oz., \$1.00... 5
- 5098 **Tricolor** (*Joseph's Coat*). Leaves red, yellow, and green; 3 feet. Per oz., 60 cts..... 5

AMARYLLIS.

Bulbous-rooted plants, producing from 2 to 4 of the richest colored crimson, scarlet, and white-striped, lily-like flowers.

- 5110 **Hybrida, Mixed**. 1½ feet..... 25

AMPELOPSIS.

(Miniature Virginia Creeper, or Japanese Ivy.)

A hardy perennial species of Woodbine from Japan, with olive-green leaves, which turn to scarlet in the autumn. Will adhere to brick or stone walls.

- 5101 **Veitchi**. Per oz., 60 cts..... 10

ANAGALLIS.

(Pimpernelle.)

Dwarf, compact plants; adapted for baskets, rock-work, edgings, and small beds; succeed best in a light, rich soil, in a sunny situation; covered with various shades of flowers the whole summer; half-hardy annuals; 6 inches.

- 5120 **Grandiflora, Mixed**..... 5

ANCHUSA.

(Capensis.)

A splendid bouquet flower, of long duration, and producing azure-blue forget-me-not-like flowers; hardy perennial; if sown early, blooms the first season, growing freely in shaded situations; 2 feet.

- 5123 **Angustifolia**. Azure blue..... 10

ANGELONIA.

A beautiful greenhouse shrubby plant; spikes of dark purplish-brown flowers, with a white eye. If sown early will flower the first season, and can be treated as a tender annual. Famous for its fragrance.

- 5132 **Grandiflora Atropurpurea**..... 15

ANEMONE.

(Windflower.)

A very pleasing hardy perennial, bulbous-rooted plant; easily grown from seed, producing large flowers, early in the spring, when few plants can compare with them in beauty and brilliancy; fine for bouquets; 1 foot.

- PER PKT.
- 5130 **Coronaria, Mixed**. Scarlet, purple, blue white and striped..... 10
- 5125 **Fulgens**. Flowers large, dazzling vermilion..... 20
- 5126 **The Bride**. Pure white; comes true from seed..... 20

**ANTIRRHINUM.**

(Snap-Dragon.)

One of our most showy and useful border plants. The more recently improved varieties of this valuable genus are large, finely-shaped flowers of the most brilliant colors, with beautifully-marked throats; they succeed in any good garden soil, and are very effective in beds. Hardy perennials, blooming the first year if the seed is sown early; 1 ft.

- 5136 **Fire Fly**. Orange and scarlet, with white throat. 5
- 5137 **Picturatum**. A new and distinct variety, striped and blotched; all colors mixed 10
- 5140 **Dwarf, Mixed**. Finest Tom Thumb. Oz., 75 cts. 5
- 5141 **Tall, Mixed**..... 5
- 5129 **Imported Collections**, 10 Dwarf varieties..... 50
- 5139 " " 10 Tall " 50

ANTHEMIS.

A free flowering Chamomile, in bloom the entire season.

- 5133 **Arabica**. Golden yellow; 18 inches..... 5

AQUILEGIA.

(Columbine.)

This plant blooms freely early in the spring and summer and produces beautiful, curiously-formed and variously-colored flowers; hardy perennials.

PER PKT.

- 5143 **Chrysantha** (*Golden-Spurred*). A strong grower, forming bushy plants 3 feet high, bearing all through the season an abundance of bright golden-yellow flowers.....10
- 5144 **Cœrulea**. Flowers are very large, violet-blue, and inner petals pure white; 2 feet.....10
- 5151 **Glandulosa**. The best of the large-flowering sorts; inner petals pure white; outer a lovely shade of light blue; 2 feet.....15
- 5145 **Olympica**. A beautiful, vigorous grower; flowers rich blue, with a white-edged lip; 2 feet.....10
- 5152 **Skinneri**. Bright scarlet and yellow; blooms early in spring; an excellent plant for rocky places; 18 inches.....10
- 5160 **Single**, all colors mixed; 2 feet.....5
- 5150 **Double**, " " 18 inches.....5

ARMERIA.

(Thrift.)

A very pretty edging plant, bearing large tufts of rosy-pink flowers; hardy.

- 5164 **Elegans**.....10

ASTER.

(Queen Margaret.)

One of the most popular and effective of our garden favorites, producing in profusion flowers in which richness and variety of color are combined with the most perfect and beautiful form; they delight in a rich soil, and in hot, dry weather should be mulched with rotted manure, and well watered, which will increase their beauty and the duration of their bloom; hardy annuals.

PER PKT.

- 5171 **Dwarf Pyramidal Bouquet**. The plants, when well grown, form a complete bouquet of flowers, splendid colors, mixed; 1 foot.....10
- 5173 **Cocardeau, or Crown**. Showy flowers, very double, with white centres, bordered with bright rich colors; 18 inches.....10
- 5172 **Comet**. Forming regular pyramids 12 to 15 inches high, and covered with large double flowers. In shape they resemble a large-flowered Japanese Chrysanthemum, the petals being long and twisted, or curled and wavy. The color is a lovely delicate pink bordered with white.....15
- 5174 **Chrysanthemum Flowered**. Dwarf mixed.....10
- 5175 **Chrysanthemum Flowered**. Pure white.....15
- 5177 **Giant Emperor, Mixed**. Flowers of great size, very double, fine form, brilliant colors, and robust growth; 2 feet.....15
- 5181 **Goliath**. Splendid large flowering variety of robust habit, blooms profusely and is of perfect form; 2 feet.....15
- 5183 **Imbricated Pompon**. Perfectly shaped and beautifully imbricated; mixed.....10
- 5192 **Dwarf Pæony Perfection, Brilliant Dark Scarlet**. This novel race of dwarf Asters is specially adapted to garden or pot culture. The color is very bright and admired by all.....15
- 5206 **Dwarf Pæony Perfection, Crimson Ball**. A fine addition to the list of Asters. It is of a bright crimson color, dwarf habit and admirable as a pot plant.....15
- 5191 **Dwarf Pæony Perfection, Crimson and White**. This variety is the same as the above, except in color; the flowers are finely mottled.....20
- 5190 **Pæony Flowered Perfection, Mixed**. One of the most perfect; very double, large, and finely shaped, the petals beautifully incurved, of various bright rich colors; 18 inches.....10
- 5194 **Pæony Flowered Perfection, Pink**.....15
- 5197 **Pæony Flowered Perfection, Blue**.....15
- 5193 **Pæony Flowered Perfection, Pure White**.....15
- 5231 **Pæony Flowered Perfection, Purple Violet**.....15
- 5185 **Mont Blanc (Goliath)**. One of the largest flowering; producing pure white flowers 5 inches in diameter; extra double; 2 feet.....15
- 5187 **Needle Perfection**. Petals long, quilled and sharply pointed; mixed.....15
- 5195 **Rose Flowered**. Pyramidal, robust habit, regularly imbricated; variously colored, large, very double brilliant flowers; 2 feet.....10
- 5196 **Schiller**. A very fine late Dwarf Bouquet variety, profuse bloomer; mixed colors; 1 foot.....15



1. COCARDEAU OR CROWN. 2. TRUFFAUT'S PÆONY PERFECTION. 3. VICTORIA.



ASTERS—*Continued.*

PER PKT

- ### Imported Collections of Asters.

ARISTOLOCHIA.

- 5163 **Sipho** (*Dutchman's Pipe*). A rapid-growing climber; large heart-shaped foliage, and very curious flowers, resembling a pipe; hardy perennial; 30 feet. Brownish purple10
- 5162 **Elegans**. One of the best of this class of climbing plants. Of a rich dark purple color, ornamented throughout with irregular branched markings of a creamy white, and having a golden yellow eye surrounded by rich velvety purple. Its blossoms are produced in the open ground in the greatest profusion, even on small plants, and are entirely free from any objectionable odor.20

A hardy dwarf annual, profuse bloomer, with clusters of small, sweet-scented flowers, lasting a long while in bloom, fine for bouquets; 1 foot.

PER PKT.

- 5165 **Azurea Setosa.** Beautiful light blue..... 5
5166 **Odorata.** (Sweet Woodruff.) White; 1 foot....10

(Asphodel.)

Very pretty hardy perennials, bearing attractive flowers of stately habit; 2 feet.

- 5168 **Mixed.** Yellow and white.....10

A well-known favorite of great beauty; seed saved from splendid choice varieties; half-hardy perennial; 6 inches.

- 5240
- Mixed**
-25

Beautiful shrubby plants, covered with a mass of bloom, growing best in a mixture of rich, fibrous peat and sand; saved from a collection of showy, various-colored flowers; 3 feet.

- | | | |
|------|--------------------------------------------------------------------------------------------------------|----|
| 5250 | Indica, Mixed | 25 |
| 5251 | Pontica. A beautiful hardy perennial shrub, from the Levant. Choice mixed varieties: 4 feet. | 10 |



BALSAM.

(Lady-Slipper, or Touch-me-Not.)

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good, rich soil; tender annuals; 2 feet.

- | | | |
|------|---------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 5250 | Good, rich soil, tender annuals, 2 feet. | |
| 5263 | Maiden's Blush | 10 |
| 5254 | The King. Brilliant scarlet; very double..... | 10 |
| 5256 | Solferino. Striped and spotted with lilac and crimson; beautiful double flowers..... | 10 |
| 5255 | Rose Flowered. Pink | 10 |
| 5261 | “ “ Light Lemon | 10 |
| 5262 | “ “ Violet | 10 |
| 5257 | Extra Double White. The finest strain of double white Camellia Balsams, and a profitable florists' flower. Per oz. \$1.00..... | 10 |
| 5260 | Camellia Flowered. Very double, of perfect form; beautiful colors, mixed. Per oz. \$1.00..... | 10 |
| 5258 | White Perfection. This beautiful large snow-white variety has thoroughly double and immense solid round flowers. Per oz. \$2.00..... | 20 |
| 5270 | Double, Mixed. Occasionally only semi-double. Per oz. 50 cts..... | 5 |
| 5269 | Collection containing 6 varieties of improved Camellia Flowered Balsam..... | \$1.00 |
| 5279 | Collection containing 12 varieties of Rose Flowered Balsam..... | \$1.00 |
| 5289 | Collection containing 6 varieties Dwarf Camellia Flowered Balsam..... | 50 |



TUBEROUS BEGONIA.



CARDIOSPERMUM.



BRACHYCOME.



BRYONOPSIS.

BALSAM APPLE AND BALSAM PEAR (See Momordica).

BALLOON VINE.

(Love in a Puff.)

A rapid-growing plant; succeeds best in a light soil and warm situation; flowers white; half hardy annual; 5 feet.

5272 *Cardiospermum Halicacabum*. Per oz. 30
cts..... 5

BAPTISIA.

(False Indigo.)

A beautiful hardy perennial herbaceous plant, producing pea-shaped flowers, on spikes 6 inches long.

5274 *Australis*. Bright blue; 2½ feet.....10

BARTONIA.

Producing showy flowers, above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting well; hardy annual; 2 feet.

5275 *Aurea*. Large golden yellow..... 5

BEANS.

Very rapid climbers; flowering profusely and admirably adapted for covering screens, etc.

5292 *Scarlet Runner*. Fiery scarlet..... 5

5293 *White* " Pure white. 5

BEET.

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For planting in ribbon-beds or in groups they are very effective.

5288 *Red Chilian*. Brilliant red foliage.....10

5287 *Yellow* " Golden yellow.....10

BEGONIA.

Plants of great value for summer decoration or window gardening. To secure the best results they should be planted as soon as the ground becomes warm. They are covered the whole summer with bright and elegant drooping flowers; blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees; for winter and spring blooming, sow from August to October. Tubers must be kept from frost in dry sand.

5300 *Rex Hybrida, Mixed*. Beautiful varieties of the Rex class, with handsome variegated foliage; choice mixed; 6 inches.....25

5277 *Boliviensis Superba*. Large, orange-scarlet flowers.....25

5281 *Frœbeli*. Beautiful large bright scarlet flowers, formed in large clusters above the foliage.....25

5267 *Robusta Perfecta*. Robust, compact habit, succulent dark green foliage, and large flowers of a brilliant cinnabar scarlet.....25

5290 *Single Mixed*. Tuberous-rooted.....25

5280 *Double Tuberous-Rooted, Mixed*. The seed we offer has been hybridized, using the most double flowers, and the handsomest single varieties.....50

5276 *International Prize*. Saved from the best English, French and German Tuberous-rooted varieties; Pkts. of about 500 seeds.....50

BEGONIA—Continued.

PER PKT.

5282 *Roezli*. Seeds sown in April make strong plants by September; the flowers appear in October, resembling an open Pæony. They are enveloped in a dark red spathe, and rapidly expand into a beautiful umbel of large size, composed of luminous deep red flowers. In a greenhouse this species blooms freely until March. A fine bouquet flower.....25

5284 *Schmidtii*. Flowers white, slightly tinged with pink, contrasting finely with the dark green foliage. Its dwarf, branching globe-shaped habit makes it a most desirable plant, being literally covered with flowers from May until November; blooms all winter in the greenhouse.....25

BIDENS.

(Dahlia Zimapani.)

A free-flowering tender annual having beautiful foliage and bearing fine and attractive flowers. The roots can be preserved like Dahlias; 1 foot.

5303 *Atrosanguinea*. Rich dark crimson, with yellow anther.....10

BOCCONIA.

Effective plant, for single specimens or groups on lawn. Foliage glaucous green, bears freely spikes 2 to 3 feet long, of cream-colored flowers; hardy perennial; 5 feet.

5305 *Japonica*.....10

BOUVARDIA.

Excellent plants for house, greenhouse or garden.

5306 *Mixed*.....20

BRACHYCOME.

(Swan River Daisy.)

Free-flowering, dwarf-growing plants, covered during the greater part of the summer with a profusion of pretty Cineraria-like flowers; suitable for edgings and small beds, or put-culture; half-hardy annual.

5307 *Iberidifolia, Mixed*. Light blue and white; 6 inches..... 5

BROWALLIA.

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months, growing freely in any rich soil; blooms finely in the winter if sown in August; half-hardy annual; 18 inches.

5323 *Elata Grandiflora Cœrulea*. Large sky-blue flowers with a white centre..... 5

5321 *Elata Alba*. Pure white flowers..... 5

5324 *Elata Cœrulea Nana*. Dwarf sky-blue.....10

5330 *Mixed*. All the Elata varieties..... 5

5325 *Abbreviata (Pulchella)*. Deep rose color.....20

BRYONOPSIS.

A beautiful plant of the gourd species, with ivy-like pale green foliage and showy scarlet fruit, striped with white; half-hardy annual; 10 feet.

5318 *Laciniosa Ervthrocarpa*..... 5



COREOPSIS.



CAMPANULA MEDIA.



ROCKET CANDYTUFT



CAMPANULA CARPATICA

CACALIA.

(Tassel Flower.)

A neat, half-hardy annual of easy culture, with tassel-shaped flowers; blooms from July to September in clusters; fine for borders. Golden yellow and scarlet; $\frac{1}{2}$ feet.

5340 **Mixed.** Per oz., \$1.00..... 5
PER PKT.

CALCEOLARIA.

An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse or conservatory.

5350 **Hybrida Grandiflora, Tall, Mixed.** Large-flowering, robust and very floriferous, being completely covered with beautiful rich, self-colored flowers; saved from a choice collection; all colors; 20 inches..... 25

5352 **Hybrida Grandiflora Tigrina, Tall, Mixed.** Large-flowering, tigered and spotted flowers; the very finest mixture of the most brilliant colors; 20 inches..... 50

5353 **Hybrida Grandiflora Pumila Compacta.** The features of this new strain are dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot..... 50

5354 **Rugosa, Mixed (Shrubby).** Small-flowering varieties for bedding; of the finest colors; 2 feet..... 50

CALENDULA.

(Marigold.)

Showy, free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; 1 ft.

5343 **Pongei Flore Pleno.** Showy, very double white flowers..... 5

5347 **Ranunculoides Flore Pleno (Pot Marigold).** Beautiful double orange-colored flowers..... 5

5345 **Officinalis Meteor.** A splendid variety, very large double-striped and imbricated flowers, of a deep orange on a pale yellow ground..... 5

5348 **Prince of Orange.** This novelty surpasses in beauty the well-known popular Calendula Meteor; the stripes around each petal are of a deep orange color, making a brilliant appearance..... 10

CALLIOPSIS, or COREOPSIS.

Showy and useful free-flowering plants; the tall varieties are very effective in mixed borders, while the dwarf, from their close, compact habit of growth, make fine bedding plants; of easy cultivation; hardy annuals.

5358 **Coronata.** A very showy sort with large yellow flowers; 2 inches in diameter..... 10

5355 **Drummondii.** Large yellow, with crimson centre; 1 foot..... 10

5356 **Lanceolata.** A hardy perennial sort bearing large flowers of a lovely golden yellow color..... 5

5357 **Nigra Speciosa.** Beautiful, rich, velvety-crimson; 2 feet..... 5

5360 **Mixed.** All the choice kinds; 2 to 3 feet. Per oz., 60 cts..... 5

CALANDRINIA.

Beautiful creeping, free flowering plants, with succulent stems and fleshy leaves, adapted for rock-work or hot situations, requiring light, rich soil; hardy annuals; 1 ft.

5342 **Grandiflora, Mixed**..... 5
PER PKT.

CALADIUM.

Variegated foliage plants, excellent for greenhouse decoration.

5362 **Finest Mixed**..... 25

CAMELLIA.

Favorite winter flowering, half-hardy greenhouse shrubs. Soak the seed before sowing, as they lie long dormant; sow in sandy peat and loam. Seed saved from the finest double varieties.

5370 **Japanica, Double Mixed.** From 5 to 10 ft..... 25

CAMPANULA.

Well-known beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-flowers, thriving best in light rich soil; some of the varieties flower the first season if planted early. Carpatia and Speculum are fine for beds, edgings and ribbon-gardening.

5368 **Pyramidalis (The Chimney Campanula).** A beautiful and stately plant, either for garden or pot-culture; mixed blue and white flowers; hardy perennial; 3 feet..... 5

5367 **Carpatia, Mixed.** Free-flowering, blue and white mixed, continuing in bloom the whole season; hardy perennial; 6 inches..... 5

5366 **Macrostyla Rosæflora.** A new, beautiful rose-flowering variety of this favorite type; hardy perennial, flowering first season, if sown early; 2 ft..... 15

5420 **Media, Single, Mixed (Canterbury Bells).** Beautiful large bell-shaped flowers; effective plants for border or pot-culture; hardy biennials; $2\frac{1}{2}$ ft..... 5

5410 **Media, Double, Mixed.** All the double Media varieties; $2\frac{1}{2}$ feet..... 5

5363 **Media Calycanthema.** This is the finest variety of Campanula, producing plants with white and blue flowers resembling cup and saucer; mixed..... 10

5365 **Speculum Flore Pleno.** A double blue variety of Venus' Looking-Glass, fine for cutting and bouquets; 6 inches..... 10

CANDYTUFT.

(Iberis.)

A beautiful and useful plant of the easiest culture, for growing in beds or masses; the white varieties are extensively grown by florists for bouquets; by frequent sowings they can be had during the winter and summer.

5381 **Fragrant (Pectinata).** Pure white, sweet-scented; 1 foot. Per oz., 30 cts..... 5

5382 **White Rocket (Amara).** Large trusses of pure white flowers; much prized by florists; 1 foot. Per oz., 30 cts..... 5

5383 **White Tom Thumb (Coronaria Nana).** This variety grows 6 inches high and forms a round bush about 16 inches in diameter, covered with large white flower-heads of great substance..... 10

5384 **Umbellata Lilacina.** Of a purplish or deep lilac color; 1 foot..... 5

5385 **Umbellata Purpurea.** Dunnett's darkest crimson; very beautiful; 1 foot..... 5



CASTOR BEAN.
QUEEN OF CAMBODIA.

Its eminently ornamental properties entitle it to a place in every garden. The main stem and leaf-stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained when planted in groups. The finest of all the Castor Beans.

6476 PER PKT. 15



COSMOS.

An autumn-flowering plant, requiring treatment similar to the Dahlia. The flowers are borne profusely in loose clusters, and present a charming appearance when the plants are in full blossom as they wave to and fro in every passing breeze. Seed should be sown early in spring and the plants transplanted in the open border when danger from frost is past. It begins blooming in August and continues until cut down by frost. If young plants are starved a little it will have the effect of bringing them into bloom early. For planting in shrubbery it will be found very valuable.

5652 **Hybridus, Mixed** 10
5653 **“ Pure White** 15



CAMPANULA.
CUP AND SAUCER.

One of the prettiest of the hardy perennial Campanulas. The flowers grow in the form shown and cover the plants, which attain the height of 2½ feet, with a profusion of bloom. The colors are principally white and rose-colored and occasionally blue. It is not grown in proportion to its merits, and should find its way into every garden. PER PKT. 5363 10

CINERARIA.
WHITE GEM.

This variety was brought out in Europe lately and created quite a furore. The flowers are pure white, of large size and fine form. In all respects a lovely flower, which will be largely grown. 5515 50



COREOPSIS DRUMMONDI.

COREOPSIS.

These varieties are the very best of the Coreopsis. They bloom from early July till cut by frost, and are covered with a dense mass of showy flowers two inches in diameter. They make a beautiful edging for long walks and drives, as they only grow a foot high and throw their brilliant flowers well above the foliage on long stems.

5358 **Coronata.** Lovely golden yellow 10
5355 **Drummondii.** Large yellow, crimson centre 10
5356 **Lanceolata.** Golden yellow. Perennial 10



CARNATION.



CELOSIA GLASGOW PRIZE.



CEDRONELLA



CANNA.

CANDYTUFT—Continued.

- | | PER PKT. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 5386 Umbellata Carminea. This new variety is of dwarf, compact habit, and bears a mass of extra fine carmine bloom; 6 inches..... | 10 |
| 5390 Fine Mixed. All the above tall-growing varieties; 1 foot. Per oz., 30 cts..... | 5 |
| 5380 Empress, or Snow Queen. A complete mass of pure white flowers, borne on a candelabra-shaped plant..... | 10 |
| 5387 Umbellata Nana, Mixed Dwarf. These elegant dwarf hybrids are remarkable for their numerous and brilliant colored flowers, shading from pure white to dark purple; 6 inches..... | 10 |
| 5388 Sempervirens. A profuse white blooming hardy perennial, adapted for rockeries, baskets, etc., coming in flower early in the spring; 1 foot..... | 10 |
| 5389 Collection of six sorts..... | 30 |

CANNA.

(Indian Shot Plant.)

Highly ornamental plants producing a rich effect by their large, broad and massive foliage, terminated by racemes of crimson, orange, or scarlet flowers. Soak the seed 12 hours in hot water before planting; sow in sandy loam and peat, and place in a hot-bed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out; take up the roots before frost, and preserve in a warm cellar or room; half-hardy perennials.

- | | |
|------------------------------------------------------------------------------------------------------------|--------|
| 5391 Bihorelli. Scarlet; rich brown leaves; 2 ft..... | 10 |
| 5392 Bonneti Excelsa. Foliage green and purple; flowers large orange-red; 6 feet..... | 10 |
| 5393 Coquette. Foliage green and bronze; the largest orange-colored flowers; 6 feet..... | 10 |
| 5394 Marechal Vaillant. Foliage rich maroon, with large orange-colored flowers; 6 feet..... | 10 |
| 5395 Monsieur Allegatiere. Foliage large, green, and bronzy purple, orange-red flowers; 4 feet..... | 10 |
| 5398 A. Wick. Pea-green; crimson scarlet flowers..... | 10 |
| 5396 Nigricans. Scarlet flowers, foliage intensely dark; 7 feet..... | 10 |
| 5397 Ornament du Grand Rond. Foliage bronzy green, large scarlet flowers; 6 feet..... | 10 |
| 5401 Premices de Nice. Showy bright green leaves and splendid large golden flowers; 6 feet..... | 10 |
| 5403 President Faivre. Foliage bronzy maroon, large brilliant crimson flowers; 6 feet..... | 10 |
| 5405 Tricolor. Foliage green, red and creamy yellow, flowers red; 3 feet..... | 10 |
| 5400 Choice Mixed. All colors. Per oz., 40 cts..... | 5 |
| 5399 Collection of 12 varieties of Canna..... | \$1.00 |

CARNATION or PICOTEE.

(Dianthus Caryophyllus Flore Pleno.)

Carnations and Picotee Pinks are general favorites for their delicious fragrance and richness of colors. The seed we offer has been imported from the best sources in Europe, and will produce many splendid novelties in double and semi-double flowers; protect during the winter; half-hardy perennials; 1½ feet.

- | | |
|------------------------------------------------------------------------------------------|----|
| 5425 Finest German. Mixed colors; saved from extra fine double-named flowers..... | 50 |
|------------------------------------------------------------------------------------------|----|

CARNATION—Continued.

- | | PER PKT. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 5426 Remontant, or Tree (Double Perpetual). Mixed colors; saved only from the finest and choicest double-named flowers..... | 50 |
| Grenadin. A new dwarf, compact variety of great value to florists and market gardeners; producing a profusion of large double brilliant scarlet-colored flowers, three weeks earlier than any other variety; fine for borders or massing; 1 foot..... | 25 |
| 5430 Fine Double, Mixed. The hardiest and best varieties for garden culture..... | 25 |
| 5429 Collection of finest German Carnation, 12 varieties, each separate..... | \$1.00 |

CASTOR OIL BEAN.

(See Ricinus.)

CEDRONELLA.

A hardy perennial plant, with fragrant foliage and long spikes of purplish flowers, remaining in bloom a long time; 2 feet.

- | | |
|-------------------------|---|
| 5435 Canna | 5 |
|-------------------------|---|

CENTRANTHUS.

Pretty, free-flowering, compact-growing plants, with long-tubed flowers produced in clusters; fine for massing; succeeds in any garden soil; hardy annuals; 1½ feet.

- | | |
|---------------------------------------------|---|
| 5470 Mixed. All colors; 1½ feet..... | 5 |
|---------------------------------------------|---|

CELOSIA.

Free blooming graceful plants, growing best in rather light soil not too rich, producing spikes of beautiful, feathery and comb-shaped flowers; grown in pots, they are fine for the greenhouse or conservatory. The spiked varieties are fine for cutting and drying for winter bouquets, which should be done when in full bloom and before they fade. The Cristata varieties are the well-known Cockscomb. All the Celosias are half-hardy annuals.

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 5447 Golden Plume. Pyramidal habit. The flowers are a bright golden yellow, and are borne in profusion over the whole plant, giving it a rich golden appearance; 3 feet..... | 15 |
| 5446 Huttoni. Of bushy pyramidal habit, each branch being tipped with a spike of bright crimson flowers; the upper surface of the leaf is a deep claret, while the under side is a rich crimson; 3 feet..... | 10 |
| 5445 Plumosa Superba. A beautiful feathered variety; mixed colors; 3 feet..... | 10 |
| 5444 Japonica (Japanese Cockscomb). A distinct, handsome variety. Combs of the most brilliant scarlet or crimson, often in pyramidal masses, cut and ruffled like lace; 2 feet..... | 10 |
| 5440 Cristata Variegata. Magnificent; large heads variegated with crimson, orange, green, shaded and striped; of the most brilliant hues; 3 feet..... | 10 |
| 5442 Cristata, Glasgow Prize. Producing dark foliage, immense showy dark crimson combs; 1 ft..... | 10 |
| 5443 Cristata, Dwarf Crimson. Large, showy velvet-like combs; 1 foot..... | 5 |
| 5450 Cristata, Mixed. Fine dwarf varieties of Cockscomb. Per oz., 75 cts..... | 5 |
| 5449 Collections of 6 varieties Dwarf Cockscomb..... | 50 |



CENTAUREA CYANUS.



CHRYSANTHEMUM.



CINERARIA.



CLARKIA.

CENTAUREA.

Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. Sow the seed from December to April; half-hardy perennials.

PER PKT

- 5457 **Gymnocarpa.** Very graceful, fine cut, silvery-gray foliage; 1½ feet. Per 1,000 seeds, \$1.00.....15
 5454 **Candidissima.** Splendid silvery, broad cut leaves; 1 foot. Per 1,000 seeds, \$1.00.....15
 5456 **Clementi.** A robust, free-growing plant, with crowns of silvery leaves, deeply fringed and cut; 1½ feet.....15
 5462 **Cyanus (White Corn Flower)**.....5
 5463 **Emperor William.** Dwarf bright blue.....5
 5460 **Cyanus, Mixed (Blue Bottle, or Corn Flower).** In bloom all summer; mixed colors; 1½ feet.....5
 5461 **Suaveolens.** Fragrant, bright yellow.....5

CHAMÆPEUCE.

(Ivory Thistle.)

An elegant perennial Thistle, very ornamental for garden decorations; the mid-rib and spines are ivory-white and the leaves glossy green, shaded by a snowy down; 2 feet.

- 5475 **Diacantha**.....10

CHRYSANTHEMUM.

(Paris Daisies, or Marguerites.)

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture, and quite distinct from the autumn-flowering varieties.

- 5484 **Burridgeanum.** Attractive single flowers, crimson, with white edge and inner white circle, fine for cut flowers; 1 foot.....5
 5485 **Dunnetti Flore Pleno.** Double white.....5
 5487 **Aureum.** Double yellow; 1½ feet.....5
 5491 **Inodorum Flore Pleno.** A new variety, producing fine large double white flowers; an excellent bouquet flower; 20 inches.....10
 5500 **Choice Mixed.** Double-flowering summer varieties; 1 to 2 feet. Oz., 50 cts.....5
 5488 **Frutescens Grandiflorum.** A perennial species, extensively used in the parks and gardens of Paris. It is literally covered all summer with a profusion of white star-like flowers with a yellow disc; 2 ft...15
 5495 **Segetum Grandiflorum.** Large blooms of a bright sulphur-yellow color, measuring 2 to 2½ inches in diameter.....15
 5480 **Indicum Majus.** Choice mixed large-flowering double varieties; half-hardy perennial; 3 feet.....15
 5482 **Indicum Nanum.** Pomponé or small flowering varieties, half-hardy perennial; fine for florists' flowers. Choice mixed; very double; 2 feet.....15
 5493 **Carinatum, "Eclipse."** An exceedingly showy variety, pure golden yellow, with a bright purplish-scarlet ring or centre on the ray florets, the disc being dark brown.....10
 5486 **W. E. Gladstone.** Brilliant crimson. A showy flower.....10
 5481 **Golden Feather.** White, banded crimson, inner ring canary yellow, maroon eye.....10
 5483 **The Sultan.** Crimson maroon, golden yellow centre.....10
 5490 **Japanese.** A mixture of fine sorts, which should produce many showy varieties.....25

CINERARIA.

(Cape Asters.)

A favorite attractive free-flowering plant, blooming during the winter and spring months; perennials, but do best treated as tender annuals.

PER PKT.

- 5530 **Hybrida, Tall, Mixed.** Saved from extra choice flowers and colors; 2 feet.....25
 5540 **Dwarf, Mixed.** Dwarf, compact, saved from extra choice flowers and colors; 1 foot.....25
 5520 **Grandiflora Prize, Tall Mixed.** This strain is unsurpassed for beautiful colors and size of flowers; selected from prize varieties; 2 feet.....50
 5510 **Grandiflora Prize, Dwarf Mixed.** Same as the above, except being of dwarf varieties; 1 foot...50
 5550 **Double Mixed.** This is quite an acquisition to our list of florists' flowers, which for cutting can hardly be surpassed. All the rich and beautiful colors of the single exist in this variety; 2 ft.....50

CINERARIA.

(Dusty Miller.)

Fine for bedding, ribbon-beds, and margins; prized for their beautiful downy silvery foliage; half-hardy perennials; 2 feet.

- 5555 **Maritima Candidissima.** With large silver foliage; clusters of yellow flowers. Per oz., \$1.50..10
 5556 **Acanthifolia.** Silvery foliage, beautifully cut like the Acanthus.....10

CLARKIA.

An old favorite hardy annual plant, growing in any garden soil, and producing freely its cheerful flowers early in the season. Sow the seed early in the spring or in the autumn; 1½ feet.

- 5560 **Single.** Mixed colors.....5
 5570 **Double.** Mixed colors.....5

CERASTIUM.

(Snow in Summer.)

A very pretty dwarf white-leaved edging plant bearing small white flowers.

- 5472 **Tomentosum**.....15

CLEOME.

Singular-looking rose-colored flowers; the stamens look like spiders' legs, and present a very attractive appearance; half-hardy annual; 3 feet.

- 5581 **Grandiflora**.....5

CLEMATIS.

Rapid-growing climbers, fine for arbors and verandas, the small varieties flower in clusters, and are very fragrant; the large-flowering varieties are very handsome, and are continually in bloom. Soak the seed in warm water for 24 hours before sowing; hardy perennials; 15 feet.

- 5575 **Flammula (Virgin's Bower).** Producing beautiful clusters of small white fragrant flowers.....10
 5577 **Hybrida Grandiflora.** Large-flowering, mixed.20

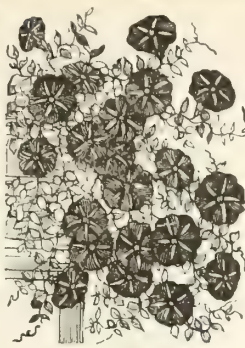
COBÆA.

A climber of rapid growth, flowering the first season if sown early in the house or hot-bed. In sowing, place seeds edgewise and merely cover with light soil.

- 5586 **Scandens.** Large, bell-shaped purple flowers....10
 5587 **Scandens Alba.** Pure white.....20



CLIANTHUS.



CONVOLVULUS MAURITANICUS.



COLLINSIA.



MORNING GLORY.

CLIANTHUS. (Australian Glory Pea.)

A beautiful greenhouse perennial shrub, bearing clusters of drooping, brilliant, rich scarlet, pea-shaped flowers, 3 inches in length, each flower picturesquely marked with a large black blotch in the centre. Plant out in May or June, when the weather has become warm, in a rather dry, sheltered, sunny position; 4 feet.

5584 **Dampieri**.....25

PER PKT.
25

COCCINEA.

A handsome climber of the gourd species, flowering the first season if started early in heat, with beautiful smooth, glossy, ivy-like leaves, contrasting with the fine, snow-white, bell-shaped flowers, and brilliant carmine fruit; half-hardy perennial; 10 feet.

5588 **Indica**.....10

COLEUS.

Our new strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Sow in March or April. Mixed colors and varieties.

5640 **Dreer's Hybrids**.....25

COLLINSIA.

Very pretty free-flowering plants, blooming in whorls and several whorls around each flower stem; mixed, of all varieties and colors; hardy annual; 1½ feet.

5650 **Mixed**.....5

COMMELINA.

A tuberous-rooted, free-blooming, very pretty plant; succeeds in a light, rich soil. The roots can be preserved like Dahlias; half-hardy perennials, blooming the first season from seed; 1½ feet.

5602 **Cælestis Cærulea**. Rich sky-blue.....5

5603 **Cælestis Alba**. Pure white.....5

CONVOLVULUS MINOR. (Dwarf Morning Glory.)

Rich colored, handsome, dwarf, trailing plants, producing in beds and mixed borders an unusually brilliant effect; their flowers close in the afternoon like the climbing varieties; hardy annuals; 1 foot.

5606 **Tricolor**. Violet and purple, with white centre and yellow eye.....5

5607 **Kermesinus Violaceus**. This new variety is very striking, having a bright yellow eye, encircled with snowy white, and a broadly margined with rich crimson violet.....10

5608 **Cantabrigia**. Flowers rosy-purple, a beautiful trailing plant for hanging-baskets, or for bedding; hardy perennial.....10

5611 **Mauritanicus**. A beautiful trailing plant for hanging-baskets; blue flowers.....10

5613 **Tricolor Roseus**. A charming novelty, with rose-colored flowers, pure white centre, fringed with purplish-violet and shaded towards the throat to golden yellow; 1 foot.....10

5620 **Mixed**. All colors. Per oz., 30 cts.....5

CONVOLVULUS MAJOR. (Morning Glory.)

One of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed; hardy annuals; 15 feet.

5623 **Large Blue**.....5
5625 **Large White**.....5
5621 **Burridgi**. Flowers large rosy-crimson, with a white centre.....5
5630 **Mixed**. All colors. Per oz., 20 cts.....5
5629 **Collection of Climbing Morning Glory**, 10 varieties.....40
See also **IPOMEA**.

PER PKT.

ENGLISH COWSLIP.

(See *Primula Veris*.)

CUPHEA.

(Lady's Cigar Plant.)

A very free-flowering plant, bearing tubular flowers of a bright red color; very floriferous.

5655 **Roezli Grandiflora Superba**.....15

CYCLAMEN PERSICUM.

Charming bulbous-rooted plants, with beautiful foliage, and rich-colored orchid-like fragrant flowers; universal favorites for winter and spring blooming. If seed is sown early they make flowering bulbs in one season; they require sandy loam; half-hardy perennial; 6 inches.

5663 **Atro-Rubrum**. Large dark crimson.....25

5662 **Album**. Pure white.....25

5670 **Mixed**. All colors.....25

CYCLAMEN GIGANTEUM.

This new large-flowering variety has beautiful mottled leaves, broad petals, and stout flower-stalks, throwing the flowers well above the foliage; 8 inches.

5658 **Rubrum**. Rose, changing to crimson.....50

5657 **Album**. Pure white, violet-purple eye.....50

5660 **Mixed**. Rich colors.....50

CYPRESS VINE.

(*Ipomæa Quamoclit*.)

One of our most popular vines, with very delicate fern-like foliage, and masses of beautiful small, star-shaped flowers. Sow in May; 15 feet.

5674 **Crimson**. Per oz., 50 cts.....5

5676 **White**. Per oz., 50 cts.....5

5680 **Mixed**. White and crimson. Per oz., 50 cts.....5

5677 **Hederæfolia Coccinea** (*Scarlet Ivy-leaved*). A rapid-climbing variety, with deeply-lobed, ivy-like leaves, and small, fiery scarlet flowers, produced in profusion the whole summer. Per oz., 75 cts.....5

CYCLANTHERA.

A climbing plant of the gourd species, free-growing, handsome foliage and oval-shaped fruit, exploding loudly when ripe; half-hardy annual; 10 feet.

5672 **Explodens**.....5



DAISY.



DATURA.



DELPHINIUM.



DIANTHUS LACINIATUS FL. PL.

DAISY. (*Bellis Perennis*.)

A favorite plant in bloom from April to June. The seed we offer is saved from the finest double varieties. Daisies can be easily raised from seed sown in the spring.

- PER PKT.
- 5690 **Mixed.** All colors; 4 inches.....20
- 5682 **Double White**.....20
- 5684 **Longfellow.** This variety comes true from seed; it is of unusual size and has very double dark rose flowers.....25
- 5683 **Snowball.** A large and very double pure white Daisy of the "Longfellow" type. The flowers are borne on long stems and are excellent for cutting....25

DAHLIA.

One of our best autumnal flowering plants; blooms until killed by frost; tuberous-rooted half-hardy perennials; blooming the first year from seed, if sown early; protect the roots during winter in a dry cellar in sand; 2 to 8 feet.

- 5692 **Large Flowering.** Saved from the finest double flowers. Mixed15
- 5693 **Small Flowering** (*Bouquet or Liliputian*). Saved from choice double flowers; mixed colors....15
- 5694 **Single Mixed.** Large showy single flowers. Seed saved from a splendid collection.....15
- 5699 **Choicest Single.** 12 sorts, \$1.00.

DATURA. (Trumpet Flower.)

In large clumps and borders of shrubbery they produce an excellent effect, continuing in bloom until frost; flowering the first year from seed, if sown early. They can be preserved in sand during the winter in a dry cellar free from frost; half-hardy perennials; 3 feet.

- 5697 **Humulis Flava Flore Pleno.** Large double flowers, of a deep golden yellow; delightfully fragrant.....5
- 5700 **Fastuosa Huberiana, Mixed.** From large double flowers of various colors10
- 5698 **Wrightii** (*Meteloides*). Large single trumpet-shaped flowers, white, with a lilac border.....5
- 5606 **Arborea Simplex** (*Brugmansia*). Large single trumpet-shaped, white, fragrant flowers, about 12 inches long. Plant out in May.....20



DOUBLE DAHLIA.



SINGLE DAHLIA.

DELPHINIUM. (Larkspur.)

One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; the hardy perennials producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed. The hardy annuals are profuse bloomers, and succeed best if sown in the autumn, or very early in the spring.

- PER PKT.
- 5705 **Formosum.** Beautiful spikes of brilliant rich blue flowers, with a white centre; 2½ feet.....10
- 5706 **Nudicaule.** Dwarf, of compact growth, with spikes of bright scarlet flowers; 18 inches.....10
- 5708 **Cashmerianum.** A beautiful dark blue, blooms in corymbs of six or more; 15 inches.....20
- 5715 **Elatum.** Bee Larkspur. Rich deep blue; very free blooming.....10
- 5710 **Double Dwarf Rocket** (*Hyacinth-flowered Larkspur*). Finest mixed; 1 foot. Per oz., 60 cts. 5
- 5713 **Double Dwarf Candelabra Flowered.** Shaped like a candelabra; flowering until quite late; mixed colors; 1 foot.....5
- 5711 **Double Stock Flowered.** A tall-branching variety, with beautiful long spikes of flowers of various colors; fine for cut-flowers; 2 feet.....5
- 5715 **Imperiale Flore Pleno** (*Emperor Larkspur*). Of symmetrical bushy habit, with a profusion of brilliant dark blue, red-striped and tri-color flowers; 1½ feet.....5
- 5709 **Collection of Dwarf Rocket Larkspur;** 10 varieties.....50
- 5719 **Collection of Stock Flowered Larkspur;** 8 varieties.....50

DIANTHUS. (Pinks.)

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials, or Chinese and Japanese varieties, bloom the first season, the same as hardy annuals; height, 1 foot. The hardy perennial varieties are very fragrant, and of easy culture for the garden or greenhouse.

- 5720 **Chinensis** (*China or Indian Pink*). Extra double, all colors mixed. Per oz., 75 cts.....5
- 5721 **Chinensis Flore Albo Pleno.** Extra double pure white5
- 5722 **Imperialis** (*Double Imperial Pink*). Double. Variegated, mixed colors.....5
- 5730 **Heddeewigi Flore Pleno** (*Double Japan Pink*). Seed saved from extra double flowers, colors varying from the richest velvety crimson to the most delicate rose, all colors mixed.....10
- 5740 **Heddeewigi Diadematus Flore Pleno** (*Double Diadem Japan Pink*). Beautiful double flowers from 2 to 3 inches in diameter; mixed of varied tints of lilac, crimson, purple, to very dark purple; with the outer edges fringed and nearly white; dwarf compact-growing plants.....10
- 5728 **Laciniatus Flore Pleno** (*Double Fringed Japan Pink*). Large double showy flowers with fringed edges, mixed, various colors and beautifully striped.....10



DIANTHUS, MOURNING CLOAK.



DICTAMNUS.



ESCHSCHOLTZIA.



EVENING PRIMROSE.

DIANTHUS—*Continued.*

PER PKT.

- 5724 **Mourning Cloak.** Rich, blackish crimson; a very fragrant and effective flower.....10
- 5723 **Nanus Atro-Sanguineus.** A dwarf plant producing globular double dark blood-red flowers in great profusion; 6 inches.....10
- 5725 **Pheasant's Eye** (*Plumarius Simplex*). A beautiful single variety, with fringed-edged white flowers, and a dark centre; hardy perennial; 1 foot.... 5
- 5727 **Plumarius Scoticus Flore Pleno** (*Double Scotch, or Paisley Pinks*). Double, large flowering, with fringed edges of various colors, mixed; 1 ft....20
- 5742 **Fine Garden Pinks** (*Hortensis Varieties*). Beautiful double mixed colors; 2 feet; hardy.....10
- 5739 **Collection of China and Japan Pinks**; 12 varieties, each color separate.....60
- 5729 **Collection 12 varieties**; Hardy Show Pinks...\$1.25

DICTAMNUS.

(Fraxinella.)

A hardy perennial, fragrant, free flowering, herbaceous plant, suitable for mixed borders; thriving in any common soil; producing racemes of flowers often 1 foot in length.

- 5745 **Mixed.** White and red; 2 feet.....10

DIGITALIS.

(Foxglove.)

A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet.

- 5750 **Gloxinaeflora.** Gloxinia-shaped flowers. A lovely type; all colors mixed..... 5
- 5751 **Monstrosa.** Mammoth Foxglove. The largest and best type; all colors mixed.....10

DOLICHOS (See Hyacinth Bean).**DUSTY MILLER** (See Centaurea and Cineraria).**ECCREMOCARPUS.**

(Calampelis.)

A rapid growing climber, with pretty foliage; producing in profusion clusters of orange, tube-shaped flowers.

- 5775 **Scaber**..... 5

ECHEVERIA.

Very desirable plants for bedding or for borders, blooming the second season. They can be wintered in a light cellar free from frost.

- 5776 **Mixed**.....25

ERYSIMUM.

(Hedge Mustard.)

A showy free flowering, hardy annual, somewhat resembling the single wall-flower, very effective in beds or borders.

- 5784 **Peroffskianum.** Fragrant orange-colored flowers; 1½ feet..... 5

ERYTHRINA.

(Coral Plant.)

An ornamental half-hardy perennial shrub, fine for out-door summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 feet.

- 5786 **Crista Galli**.....25

EUPATORIUM.

A very pretty herbaceous hardy perennial plant, blooming the first season from seed, producing clusters of snowy-white flowers; fine for cutting and bouquets; 1½ ft.

- 5804 **Fraseri**.....10

ESCHSCHOLTZIA.

(California Poppy.)

Very attractive plants for beds, edgings, or masses; profuse flowering and fine cut foliage, in bloom from June till frost; hardy annuals; 1 foot.

PER PKT.

- 5788 **Crocea Aurantiaca.** Rich orange..... 5
- 5787 **Crocea Alba.** Creamy white..... 5
- 5796 **Mandarin.** Inner side of the petals rich orange, the outer side brilliant scarlet; when in full bloom the plants of this charming novelty present a gorgeous outline.....10
- 5790 **Crocea Flore Pleno, Mixed.** A double-flowering, orange-scarlet and white.....10
- 5795 **Rose Cardinal.** A charming new variety, producing freely, beautiful large flowers, of intense carmine.....10
- 5800 **Mixed.** All colors. Per oz., 40 cts..... 5

EUPHORBIA.

(Snow on the Mountain.)

Attractive foliage, with white and green bracts on the tip of each branch, veined and margined with white; 2 ft.

- 5806 **Variegata**..... 5

EUCHARIDIUM.

A rare and beautiful plant, of dwarf spreading habit and narrow lanceolate foliage. The color of the flowers is a pleasing purplish rose, shading to white in the centre. It flowers very profusely and is of easy culture.

- 5808 **Breweri**.....15

EVENING PRIMROSE, OR SUN DROPS.

(Oenothera.)

A hardy, perennial garden plant, with large fragrant, showy flowers; blooms the first season from seed.

- 6204 **Lamarckiana.** Rich canary yellow, a large and magnificent flower.....10
- 6205 **Grandiflora Odorata.** Yellow; 3 feet..... 5

EVERLASTINGS.

This class of plants has become very popular, and they are generally cultivated for their beautiful rich-colored flowers, which are desirable for making up winter bouquets, wreaths, and Christmas decorations. They should be cut when they come into full bloom, or before the flowers get too old and lose their bright colors, tied in small bunches, and dried slowly in the shade, with their heads downwards, to keep the stems straight.



GOMPHRENA.



ACROCLINIUM.



HELICHRYSUM.



STATICE.



FENZLIA.



FUCHSIAS.

EVERLASTINGS—Continued.

ACROCLINIUM. Charming border plants with beautiful flowers, growing freely in any good garden soil; half-hardy annuals; 1 foot.

5021 **Roseum.** Bright rose. 5
5030 **Mixed.** Per oz., 60 cts. 5

5025 **Roseum Flore Pleno.** This new double rose-colored variety is the best yet introduced. The flowers are larger than the single, plant taller and more branching; 15 inches. 10

AMMOBIUM. A pretty, useful border plant much used as an everlasting flower for winter bouquets; hardy annual; 2 feet.

5112 **Alatum.** Showy small white flowers. 5

5114 **Alatum Grandiflorum.** Flowers pure white and double the size of above. 10

GOMPHRENA (*Globe Amaranth, Bachelor's Button*). Handsome flowers of various colors. It does best if sown in a hot bed; half-hardy annuals; 2 feet.

5892 **Alba.** Pure white. 5

5895 **Purpurea.** Rich crimson. 5

5893 **Aurea.** Orange-colored. 5

5900 **Mixed.** All colors. Per oz., 50 cts. 5

HELICHRYSUM. Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; hardy annuals; 1½ ft.

5925 **Album.** Pure white. 5

5928 **Atro-Sanguineum Nanum.** A new dwarf variety, with deep crimson flowers; 1 foot. 5

5930 **Finest Mixed.** All varieties and colors. Per oz., \$1.00. 5

HELIPTERUM. A very pretty border plant of dwarf habit, bearing large globular clusters of bright golden-yellow flowers; 1 foot.

5942 **Sanfordi.** 10

RHODANTHE. A charming plant; succeeds in a light, rich soil, and a warm, sheltered situation; valuable for pot or border culture; half-hardy annuals; 1 foot.

6462 **Atro-Sanguinea.** Disk of the flowers of a dark crimson shade, with ray scales of bright purple. 10

6460 **Fine Mixed.** 10

STATICE. An interesting plant with showy blossoms, which remain a long time in bloom; free flowering and of easy culture; half-hardy annuals; 1 foot.

6580 **Incana Hybrida, Mixed.** Small flowering varieties; fine for grass bouquets; half-hardy perennial. 5

XERANTHEMUM. Showy double free flowering border plants.

6760 **Superbissimum Flore Pleno, Mixed.** This new strain has double globe-shaped flowers, entirely free from projecting marginal ray florets. 15

6770 **Mixed.** 5

5799 **Collection of Immortelles and Everlasting Flowers,** 12 varieties, each separate. 75

EXACUM.

Forming small, dense bushes about 6 inches high, and having dark green leaves and terminal clusters of violet purple, beautifully scented flowers with yellow anthers. When sown in the fall, it will produce flowers freely from February until November, and when sown in the spring will flower during the summer and continue in full bloom throughout the winter.

5811 **Affine.** 25

FENZLIA.

A small dwarf profuse flowering plant, adapted for small beds, rustic work, vases, or pot culture, blooming all summer, and requires to be well supplied with moisture; hardy annual; rosy lilac, with crimson centre; 3 in.

5815 **Dianthiflora.** 15

FERNS.

These ornamental plants are very desirable for Wardian cases or ferneries; thriving in a peaty, sandy soil, and moist, shady positions in the garden during the summer. The seed is, however, slow of germination, and requires care and considerable patience before it makes its appearance. Sow in the spring in shallow boxes, barely covering the seed with soil; keep moist with a covering of fine moss, and in a temperature of 60 degrees.

5816 **Adiantum, Mixed.** Of all the handsome Maiden-hair varieties. 25

5820 **Pteris, Mixed.** 25

5830 **Choice, Mixed.** From a fine collection. 20

5819 **Collection of Ferns,** 12 varieties. \$1.50

FEVERFEW.

(*Matricaria Eximia.*)

Free flowering herbaceous plants, succeeding in any garden soil; a fine bedding plant or for pot-culture; blooms until frost; hardy annual; 18 inches.

5832 **Double White** (*M. Eximia Alba Plena*). Seed saved from fine double flowers. 10

5833 **New Curled Double White** (*M. Eximia Flore Plena Crispa*). This charming new variety surpasses the old in beauty, for its handsome double white flowers and densely curled foliage, fine for ribbon beds. 15

FREESIA.

Very easily grown bulbs which can be readily produced from seed. The flowers are pure white with yellow throat, and are exquisitely fragrant.

5831 **Refracta Alba.** 20

FLAX (See Linum).**FOUR O'CLOCK'S**

(See Marvel of Peru, *Mirabilis Jalapa*.)

FOXGLOVE (See Digitalis).**FORGET-ME-NOT (See Myosotis).****FUCHSIA.**

(*Lady's Ear-Drop.*)

A well-known plant of easy culture, for the house or shady situations in the garden; the seed we offer is saved from the finest single and double named varieties.

5836 **Procumbens.** Trailing. 20

5835 **Mixed.** 25

GAZANIA.

Excellent plants for vases, edgings or beds. They are constantly in bloom and are very showy.

5843 **Splendens.** Rich orange, black centre. 10



GILIA.



GLOXINIA.



GODETIA.



GAILLARDIA.

GENTIANA.

(Gentian.)

A charming hardy perennial which blooms early in May. The dwarf sorts are excellent for edgings, etc.

- 5852 **Acaulis.** The Blue Gentian, flowers rich blue; 6 inches.....10

GERANIUM.

A popular bedding plant for the house or garden, extensively used for massing; half-hardy perennial; flowering the first season; from 1 to 3 feet.

- 5850 **Zonale, Mixed.** A superb strain of the largest and finest varieties; mixed colors.....10
- 5845 **Variegated, Mixed.** Bronze, gold, and silver tri-colored foliage varieties.....25
- 5846 **Double, Mixed.** This seed will produce a large percentage of double flowers of extra fine colors.....50
- 5847 **Pelargonium, Mixed** (*Lady Washington*). From the finest fancy and spotted large flowering.....50
- 5844 **Apple-Scented** (*Pelargonium odoratissimum*). This fragrant favorite variety can only be grown from seed to form fine plants. Sow in light soil, and keep moist until they germinate.....25

GESNERIA.

A beautiful hot house, bulbous-rooted plant, producing brilliant colored flowers; requires a light, rich, peaty soil; choice varieties; 2 feet.

- 5853 **Mixed**.....25

GAILLARDIA.

Splendid bedding plants, remarkable for the profusion, size, and brilliancy of their flowers, continuing in beauty during the summer and autumn; half-hardy annuals; 1½ feet.

- 5837 **Picta** (*Painted Lady*). Crimson, bordered with orange, very showy.....5
- 5840 **Mixed.** Fine colors.....5
- 5838 **Picta Lorenziana.** A charming profuse flowering "so-called" double variety, entirely distinct from the single flowering. Fine for massing, and useful as a bouquet flower, continuing in bloom until frost.....10

GILIA.

Very pretty dwarf plants, early, free blooming, fine for massing and rock work; hardy annuals; 1 foot.

- 5880 **Mixed.** All varieties and colors.....5

GLADIOLUS.

Seed saved from choice named varieties; half-hardy perennial bulbs.

- 5855 **Fine Hybrid, Mixed**.....10

GLOXINIA HYBRIDA CRASSIFOLIA.

A bulbous-rooted plant, producing in great profusion, during the summer months, large bell-shaped flowers of the richest and most beautiful variety of brilliant colors; the bulbs must be kept warm and dry during the winter; 1 foot.

- 5861 **Grandiflora Erecta, Mixed.** Rich colored, erect flowers.....25
- 5862 **Grandiflora Horizontalis, Mixed.** Rich colored, horizontal flowers.....25
- 5863 **Grandiflora Pendula, Mixed.** Rich colored, drooping flowers.....25
- 5870 **Grandiflora, Mixed**.....25
- 5864 **Spotted and Tigered.** Finely spotted and marbled. A fine addition to the varieties.....35

GLAUCIUM.

(Horn Poppy.)

An ornamental foliage plant, for margins, etc., with long, recurved, silvery leaves, deeply cut to the rib, forming two rows of leaflets; of vigorous growth, contrasting finely with colored foliage plants. Flowers are orange-yellow, bell-shaped and drooping; hardy biennial; 2 feet.

- 5858 **Corniculatum.** Per oz., 75 cts.....10

GNAPHALIUM.

(Edelweiss.)

Principally found on the Alps of Switzerland. Seed must be sown early in the spring in shallow pans in sandy soil and leaf-mould, and should be kept cool and moist.

- 5885 **Leontopodium**.....25

GODETIA.

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely, and bear showy flowers of rich and varied colors; 1½ feet.

- 5886 **Apple Blossom.** A lovely shade of rosy blush.....10
- 5888 **Duchess of Albany.** Pure white, large trusses.....5
- 5889 **Fairy Queen.** Blush, spotted carmine.....15
- 5887 **Lady Albemarle.** Large, crimson rose.....5
- 5891 **The Bride.** White, carmine centre.....5
- 5890 **Mixed**.....5

GOLDEN ROD (Solidago).

- 5884 **Golden Yellow**.....10



GOURDS.



EDELWEISS.

GOURD.

(Cucurbita.)

Rapid growing, interesting plants with ornamental foliage, and varieties of singular shaped fruit; tender annuals; 15 to 20 feet.

- 5903 **Calabash.** The Dipper.....5
- 5905 **Hercules' Club.** Club-shaped; 4 feet long.....5
- 5904 **Egg-Shaped.** Fruit white like an egg.....5
- 5906 **Orange-Shaped, or Mock-Orange**.....5
- 5901 **Bottle-Shaped**.....5
- 5912 **Turk's Turban.** Red striped.....10
- 5911 **Pear-Shaped.** Striped; very showy.....10
- 5902 **Luffa.** Dish Rag, or Bonnet Gourd.....10
- 5908 **Sugar Trough**.....5
- 5907 **Tricosanthes Colubrina** (*True Serpent Gourd*). Striped like a serpent, changing to brilliant carmine when ripe; 5 feet in length.....10
- 5910 **Fine Mixed.** From a large collection. Per oz., 50 cts.....5



JOB'S TEARS.



BRIZA.



PAMPAS.



EULALIA ZEBRINA.

GOLDEN FEATHER. (See Pyrethrum.)**GRASSES, ORNAMENTAL.**

These form a beautiful and attractive addition to the Flower Garden; their graceful forms give a pleasing relief to the brilliancy of their showy companions. When carefully dried, they are useful in making up winter bouquets, etc.

Cut when in full bloom, tie in small bunches and hang up in a dry, dark place, with heads down. They are nearly all annuals; those which are perennials should be marked, so they will not be destroyed as weeds. Sow in May, and transplant or thin them out so as to give sufficient space for each to grow.

- 5060 **AGROSTIS, Mixed.** Exceedingly beautiful, feathery and graceful; of dwarf growth; hardy annuals; 1 foot..... 5
- 5167 **ARUNDO DONAX VARIEGATA** (*New Zealand Pampas Grass*). A variety similar to the Pampas, with long, graceful, drooping leaves, and silvery plumes, on stems 10 feet high; fine for specimens on lawns or for massing in clumps; hardy perennial..... 15
- 5245 **AVENA STERILIS** (*Animated Oats*). Pretty, large, drooping spikes, on slender stems; hardy annual; 2½ feet. Per oz., 60 cts..... 5
- 5167 **BRIZA** (*Rattlesnake, or Quaking Grass*). A beautiful variety, in great demand for ornamental work and grass bouquets; hardy annual; 1 foot.
- 5311 **Compacta.** Erect, compact, with elegant rattles.. 5
- 5313 **Maxima.** Large racemes of beautiful rattles. Per oz., 60 cts..... 5
- 5316 **BROMUS BRIZIFORMIS.** A graceful variety, with drooping panicles resembling the Briza Maxima, and in great demand for florists' use; hardy perennial, flowering the first season; 1 foot. Per oz., 60 cts..... 5
- 5447 **CHLORIS TRUNCATA.** Fine silvery plumes; elegant for bedding in groups; hardy annual; 2 ft.. 5
- 5591 **COIX LACHRYMÆ** (*Job's Tears*). With broad, corn-like leaves, and hard, shining, pearly seeds, resembling tears; half-hardy annual; 2 feet. Per oz., 30 cts..... 5
- 5780 **ERAGROSTIS** (*Love Grass*), **Mixed.** Exceedingly pretty and ornamental; hardy annual; 2 ft.. 5
- 5782 **ERIANTHUS RAVENNÆ.** Hardy perennial, exquisite white plumes resembling the Pampas Grass. Fine for lawns if planted in clumps. Flowers the first season if sown very early in the greenhouse or hot-bed; 10 feet..... 10
- 5914 **EULALIA.** Hardy perennial, long narrow leaves, elegantly recurved flower-spikes of a light violet color, not unlike a curled ostrich feather.
- 5802 **Japonica.** Striped white and green..... 10
- 5803 **Zebrina.** Leaves light green, mottled and striped, transversely light yellow..... 10
- GYNERIUM** (*Pampas Grass*). Half-hardy perennial, blooms the second season from seed; will stand out over winter, if protected with straw, or lay down and cover with earth; the most noble grass in cultivation; producing beautiful plumes on stems from 6 to 10 feet high.
- 5913 **Argentum.** Splendid white silvery plumes..... 10
- 5914 **Argentum Foliis Variegatis.** Variegated foliage; beautiful large silvery plumes..... 15

GRASSES—Continued.

PER PKT.

- 5955 **HORDEUM JUBATUM** (*Squirrel Tail*). Very handsome light purple plumes; hardy annual; 3 ft. 5
- 5988 **LAGURUS OVATUS** (*Hare's Tail*). Beautiful small white heads or spikes of bloom, excellent for bouquets; hardy annual; 1 foot..... 5
- 6586 **STIPA PENNATA** (*Feather Grass*). Hardy perennial, beautiful delicate, white, feathery bloom; flowering the second season from seed. The seed is slow to vegetate; 2 feet. Per oz., \$1.00..... 10
- 5919 **Collection of Grasses, containing one package of each of the above varieties.....** \$1.00

GREENHOUSE AND STOVE PLANTS.

- 6599 **Collection containing 25 choice varieties.....** \$2.00

GEUM.

Beautiful hardy perennials, bearing profusely large showy flowers all through the summer; an elegant flower for bouquets.

- 5854 **Atrococcineum.** Scarlet, single and double, mixed..... 10

GYPSOPHILA.

Pretty, free-flowering, elegant plants for rock-work, baskets, edgings, and borders; succeeding in any garden soil.

- 5915 **Muralis.** Trailing, pretty pink blossoms; suitable for small beds, etc.; hardy annual; 6 inches... 5
- 5916 **Paniculata.** White flowers, beautiful for bouquets, imparting a light, airy appearance; hardy perennial; 2 feet..... 5



HELIOTROPE.



GYPSOPHILA.

HELLEBORUS NIGER.

(Christmas Rose.)

- 5943 **Mixed.** Winter blooming..... 10

HELIOTROPE.

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed sown in the spring will make fine plants for summer blooming.

- 5940 **Mixed.....** 10
- 5939 **Collection of six sorts.....** 40



GLOBE SUNFLOWER.



HOLLYHOCK.

HEATH.

(Erica.)

Charming plants for house or greenhouse culture. The flowers are borne from bottom to top of the stems, and are of various and delicate shades.

- 5932 **Cape Species, Mixed**..... 25

HELIANTHUS.

(Sunflower.)

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. The seed is also good for feeding poultry; hardy annuals.

- 5920 **Nanus.** Dwarf very double orange-colored flowers; 4 feet. Per oz. 50 cts..... 5
 5922 **Nanus Foliis Variegatis.** Bushy pyramidal-shaped plants, the leaves are spotted and striped with yellow; 4 feet..... 10
 5921 **Globulus Fistulosus (Globe Sunflower).** Flowers large, double, of a rich saffron color; 6 feet. Per oz. 60 cts..... 5
 5923 **Oscar Wilde.** Beautiful golden yellow, with jet black centre; single, 4 feet..... 5
 5924 **Cucumerifolius.** Small-flowered dwarf Sunflower. Rich yellow. An abundant bloomer..... 5
Mammoth Russian. The largest of all, producing the most seed. Qt. 20 cts., postpaid 35 cts..... 5

HELICHRYSUM (See Everlastings).**HIBISCUS.**

Showy, ornamental plants, for mixed beds or shrubbery borders, having large-sized, varied and beautiful colored flowers.

- 5944 **Africanus.** Large, cream-colored flowers, with a brown centre; hardy annual; 1½ feet..... 5
 5945 **Palustris.** Large pink flowers; hardy perennial; 3 feet..... 5

HOLLYHOCK.

(Althæa Rosea.)

This splendid plant, from its stately growth and the varied colors of its magnificent large spikes of flowers, may justly claim a place in every large garden or pleasure ground. Our seed has been saved from the best named varieties. Seed sown in June and July will flower the following summer; hardy.

- 5950 **Extra Choice Double, Mixed**..... 10
 5946 **Double White.** Extra strain of perfectly double, pure white flowers..... 15
 5948 **Double Yellow.** Comprising the buff, straw color and orange shades..... 15
 5951 **Bright Red.** Double..... 15
 5952 **Bright Pink.** Double..... 15
 5949 **Chater's Prize Collection** of 12 varieties, each color separate..... \$1.00

HONESTY.

(Lunaria.)

Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance.

- 5953 **Biennis.** 2 feet..... 10

HUMEA.

A handsome decorative plant, either for pots or gardens, producing drooping pyramids of ruby-red, grass-like florets. It should be grown in light, rich soil; half-hardy biennial; 8 feet.

PER PKT.

- 5957 **Eeglans**..... 10

HYACINTH BEAN.

A rapid-growing plant, flowering freely in clusters, for covering arbors, trellises, etc. Sow the seed in the garden where desired; tender annual; 10 feet.

- 5770 **Dolichos, Mixed.** Per oz. 25 cts..... 5

JAPANESE HOP.

A very ornamental and fast growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green. Undoubtedly one of the best climbers for covering verandas, trellises, etc., never suffering from the heat but retains its fresh color until late in the autumn.

- 5958 **Humulus Japonicus**..... 15

IMPATIENS.

This plant is of compact, neat habit of growth, and almost a perpetual bloomer. Planted out in the open ground at the end of June, it grows luxuriantly, flowers with the greatest profusion. The flowers are of a brilliant rosy-scarlet color, about 1½ inches in diameter.

- 5984 **Sultani**..... 25



IPOMÆA HUBERI.

IPOMÆA.

(Morning Glory.)

Tender annuals of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors, or stumps of trees, they are invaluable; 15 feet.

- 5961 **Coccinea.** Small scarlet flowers in profusion; also known as the "Star Ipomœa"..... 5
 5962 **Limbata.** Violet, margined with white, large and handsome..... 5
 5965 **Grandiflora Superba.** Large blue flowers, with broad white border..... 5
 5970 **Mixed.** All colors. Per oz. 50 cts..... 5
 5966 **Huberi.** New Japanese hybrids; some have silvery-white, marbled foliage, and all with large trumpet-shaped flowers, beautifully margined, of various colors; mixed, all colors. Per oz. 50 cts..... 10
 5963 **Bona Nox (Evening Glory).** Violet, large, fragrant flowers, expanding in the evening..... 10
 5967 **Noctiflora (Moon Flower).** At night and during dull days the plants are covered with an abundance of large, pure-white, fragrant flowers 5 to 6 inches in diameter. It grows very rapidly, and will cover a large surface..... 15

IRIS.

(Fleur-de-Lis.)

Hardy perennial, tuberous-rooted, early spring blooming garden plants, growing about two feet high, with large ornamental flowers of the richest colors, striped, veined, variegated, upon a lighter ground.

- 5982 **Mixed**..... 10



KAULFUSSIA.



LAVATERA.



LINUM.



LILY.

IPOMOPSIS. (Standing Cypress.)

One of our most attractive free-flowering plants, with fine foliage; beautiful for conservatory or garden decorations; succeeds in a dry, rich soil, producing long spikes of dazzling colored flowers; half-hardy biennials, blooming the first season if the seed is sown early in the house or hot-bed; 3 feet.

- 5975 **Elegans.** Beautiful long spikes of scarlet flowers resembling the Cypress Vine..... 5
 5980 **Fine Mixed.** Of various orange and scarlet-colored flowers..... 5

KAULFUSSIA.

Desirable compact dwarf free-flowering plants, resembling Single Asters; hardy annual; 6 inches.

- 5986 **Amelloides, Mixed.** Blue, crimson, rose, etc.. 5

KENILWORTH IVY.

A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock-work.

- 6015 **Linaria Cymbalaria.** Lavender and purple...10

KENNEDYA.

A handsome and highly ornamental greenhouse climber. Soak the seed in warm water before sowing.

- 5987 **Mixed.** Fine colors..... 25

LANTANA.

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads, and changing in hue; 2 to 5 feet.

- 5990 **Mixed.**.....10

LAPAGERIA.

A fine herbaceous climber, with large elegant tubular flowers.

- 5991 **Rosea.** Bright rose..... 25

LATHYRUS.

(Everlasting Pea.)

Showy, free-flowering plants, for covering old stumps, fences, etc.; hardy perennials; 5 feet.

- 6010 **Latifolius, Mixed.** Flowers purple and white; Per oz., 80 cts..... 5

LAVATERA.

A distinct species of variegated foliage plants. It is quite constant from seed, but like the Striped Maize the variegation becomes more striking as the plants grow large. Sow early in April or May.

- 6012 **Arborea Variegata**.....15

LAVENDER.

An aromatic plant, the leaves and flowers of which are dried and used for scenting clothing, rooms, etc.

- 6013 **Lavendula Vera.** Blue; 1½ feet..... 5

LARKSPUR (See Delphinium).

LEPTOSYNE.

Showy profuse-blooming annual, bearing large yellow flowers resembling a Single Dahlia. It thrives in any good soil and is a very desirable plant.

PER PKT.

- 6011 **Maritima.** Large golden yellow.....10

LEPTOSIPHON.

A very pretty and free flowering annual.

- 6019 **French Hybrids, Mixed**..... 5

LINUM.

(Flax.)

One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems; hardy annual; 1 foot.

- 6017 **Coccineum.** Brilliant scarlet crimson..... 5

- 6018 **Flavum.** Golden yellow.....10

LILY OF THE VALLEY.

- 6016 **Convallaria Majalis.** Lovely spring-blooming plants, bearing pure white fragrant bell-shaped flowers..... 10



LYCHNIS.



LOBELIA, WHITE GEM.

LOBELIA.

The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November; half-hardy annuals. The hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers in the autumn.

- 6022 **Erinus Speciosa, Crystal Palace.** Of trailing growth; flowers of a superb ultra-marine blue..10

- 6025 **Erinus Speciosa, Alba Maxima.** Showy white flowers, of drooping and spreading habit.....10

- 6024 **Erinus, Emperor William.** A very compact variety, with fine sky-blue flowers10

- 6023 **Erinus, Crystal Palace Compacta.** A new densely compact miniature variety, which, during the summer months, is studded with rich deep blue flowers.....15

- 6029 **Pearl.** Pure white edged blue, a lovely flower...10



LUPIN

MALOPE.

Large and showy flowers. One of the best of the annuals.

6053. *Grandiflora*.

Mixed, scarlet and white.

5 cts. per pkt.



MARVEL OF PERU.

LOBELIA—Continued.

PER PKT.

- 6026 *Picta*. A beautiful variety with rich, velvety-veined and netted foliage, and light rose-colored flowers.....20
- 6032 *Prima-Donna*. A charming novelty. In habit it is very dwarf and compact, with rich velvety crimson maroon flowers, equal in size to those of *Lobelia Speciosa*, thickly studded all over the plant, which gives it an effect that is both beautiful and unique.....10
- 6030 *Mixed*.....10
- 6027 *Erinus Grandiflora Flore Duplici*. This lovely new double blue flowering hose-in-hose-like form is of a trailing habit; fine for massing, etc.....20
- 6021 *White Gem*. Forms a perfect ball of snow-white flowers; very charming appearance.....15
- 6028 *Cardinalis* (*Cardinal flower*). A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early; a fine border plant; 3 feet.....10
- 6031 *Cardinalis and Fulgens Hybrids*. Foliage varies from bright green to brown or reddish green. Flowers are large and resemble *Cardinalis*, but are of splendid shades of rose, red, lilac, purple, etc.; in bloom from July to October; hardy perennials; 2 feet.....20

LOPHOSPERMUM.

Highly ornamental and effective for the garden or conservatory, with showy, fox-glove-like flowers; requires a light, rich soil; half-hardy annual; 10 feet.

- 6035 *Scandens*. Rosy purple.....10

LUPINUS.

(Sun Dials.)

Ornamental free-flowering easily grown garden plants, with long, graceful spikes of rich and varied-colored pea-shaped flowers; valuable for mixed flower borders and beds. The seeds should be sown where they are to bloom, as they do not transplant well.

- 6037 *Mixed*. All colors of annual varieties; 2 feet. Per oz., 40 cts.....5
- 6038 *Mixed Perennial*. All colors of hardy perennial varieties; 3 feet.....5

LYCHNIS.

Handsome plants of easy culture, growing in any rich garden soil; for massing in beds and borders, blooming the first year if sown early; hardy perennials.

- 6042 *Chalcedonica Coccinea*. Fine scarlet flowers; 2 feet.....5
- 6040 *Hageana, Mixed*. Brilliant orange-scarlet, crimson, etc.; 1 foot.....10
- 6050 *Mixed*. All colors and varieties. Per oz., \$1.00..5

MALLOWS.

(Hibiscus Hybridus.)

One of the most desirable perennial plants. The flowers vary in color from pure white to deep rose, and are from 6 to 8 inches in diameter. The plants average 6 feet in height, and present a mass of bloom from early in July till late autumn. Flowers the first season from seed.

- 5941 *Mixed*. Rose and white.....10

MAIZE.

(Zea Japonica Variegata.)

An ornamental corn, beautifully striped with green and white; fine for groups on the lawn; hardy annual; 4 feet.

PER PKT.

- 6055 *Striped-Leaved Japanese*. Per oz., 20 cts.....5

MARIGOLD.

(Tagetes.)

A well-known free-flowering plant, of easy culture, with rich and beautiful double various-colored flowers. The African is best for large beds; the French for small beds or as a foreground for taller plants; half-hardy annuals. See also *Calendula* and *Tagetes*.

- 6061 *Butterfly*. Golden yellow.....10
- 6062 *Gold Nugget*. Dwarf dense growth and immense double flowers, which are of a peculiar shade of golden yellow, resembling Australian gold. It blooms abundantly from June till cut down by frost.....10
- 6058 *El Dorado*. The flowers are 3 to 4 inches in diameter, perfectly imbricated and extremely double. The colors run through all shades of yellow, from very light primrose to the deepest orange.....10
- 6060 *Large African*. Tall, double, orange, brown and yellow, mixed; 2 feet. Per oz., 60 cts.....5
- 6070 *Dwarf French*. Fine colors, mixed; very double; 1 foot. Per oz., 80 cts.....5
- 6057 *Gold Striped*. Deep brownish red, striped golden yellow.....10
- 6059 *Collection of Dwarf French Marigolds*, 10 var's.....40

MARVEL OF PERU.

(Mirabilis Jalapa.)

The well-known Four O'Clock. A handsome, free flowering garden favorite; half-hardy perennial; blooming the first season from seed; the flowers, which are produced in clusters, open in the afternoon and wither the next morning; the roots can be preserved during the winter like Dahlias.

- 6080 *Mixed*. Beautiful colors; 2 feet. Per oz., 20 cts. 5
- 6075 *Variegated*. Leaves light green, marbled yellow; very ornamental; 2 feet. Per oz., 50 cts.....5
- 6076 *Dwarf White Tom Thumb*. When fully developed this variety does not exceed 10 inches in height, and forms a charming little bush, completely studded with pure white flowers.....10
- 6089 *Assortments of 12 varieties*.....50

MESEMBRYANTHEMUM.

Profuse flowering dwarf trailing plants of great beauty, blooming the whole summer, thriving best in a dry, loamy, or sandy soil, requiring a warm, sunny situation; fine for beds, edgings, rock-work, etc.; half-hardy annuals; 6 inches.

- 6092 *Crystallinum* (*Ice Plant*). Flowers white; prized for its singular icy foliage.....5
- 6093 *Tricolor* (*Wax Plant*). Rosy pink, with purple centre.....5
- 6094 *Cordifolium Variegatum*. A half-hardy perennial trailing variety, with handsome variegated fleshy heart-shaped foliage, and bright rosy-colored flowers.....10



MAURANDIA.



MOLUCCA BALM.



BALSAM APPLE.



MYOSOTIS.

MAURANDIA.

Beautiful, rapid, slender-growing plants, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet.

| | PER PKT. |
|----------------------------------------|----------|
| 6085 Albiflora. Pure white..... | 10 |
| 6086 Barclayana. Purple..... | 10 |
| 6087 Rosea. Dark rose..... | 10 |
| 6090 Mixed. All colors..... | 10 |

MIGNONETTE.

(Reseda Odorata.)

A well-known fragrant favorite. If the plants are thinned out they will grow stronger and produce larger spikes of flowers; fine for pot or garden culture, and can be had during the whole year by sowing in intervals; hardy annuals.

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| 6098 Gabrielle. A very pretty sort, bearing large spikes of red flowers..... | 15 |
| 6100 Sweet Scented (Odorata). The old variety with small spikes; 1 foot. Per oz., 20 cts..... | 5 |
| 6101 Grandiflora Ameliorata. Plants pyramidal; flowers large and distinct, having stamens of a reddish tint; 15 inches. Per oz., 30 cts..... | 5 |
| 6106 Golden Queen. A very attractive variety, forming a dense pyramid, and throwing up numerous flower stalks, terminating in spikes of golden yellow; 15 inches. Per oz., \$1.00..... | 10 |
| 6107 The Prize. This variety produces a close, dense foliage, double the size of the common, and very fragrant. 1 foot..... | 10 |
| 6102 Parson's White. Large spikes, pure white and very fragrant; 1 foot. Per oz., 50 cts..... | 5 |
| 6105 Hybrid Spiral. Of dwarf, branching habit, with spikes from 8 to 10 inches long, very fragrant; excellent for market purposes; 15 inches..... | 10 |
| 6103 Dwarf Compact. A dwarf robust variety, 10 inches high and 18 inches in diameter, covered with large spikes of reddish-tinted flowers..... | 10 |
| 6108 "Machet." Well adapted for pot culture; perfectly true from seed. Dwarf pyramidal growth, bearing numerous flower stalks. Per oz., \$1.25..... | 15 |
| 6109 Collection of Mignonette, 10 varieties..... | 50 |

MIMULUS.

(Monkey Flower.)

Showy, profuse flowering plants, comprising numerous varieties, with white, sulphur, and yellow grounds, spotted with crimson, scarlet, and pink, fine for the greenhouse, or moist, shady situations; half-hardy perennials; blooming the first year from seed if sown early; 1 foot.

| | |
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| 6111 Tigrinus. The finest tigered and spotted varieties, rivalling the Calceolaria in its brightness; mixed colors..... | 10 |
| 6112 Tigrinus Duplex. A beautiful double hose-in-hose variety of the above, with tigered and spotted flowers; mixed colors..... | 20 |
| 6110 Mixed. Large flowering, all colors..... | 10 |
| 6113 Moschatus (Musk Plant). Fine for hanging-baskets, etc.; small yellow flowers, fragrant foliage; 6 inches..... | 10 |

MIMOSA PUDICA.

(See Sensitive Plant.)

MOLUCELLA.

(Molucca Balm.)

| | PER PKT. |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 6118 Lævis. Flowers purple and white, shell-shaped and borne on square stems which end in tufts of leaves of a pea-green color..... | 10 |

MOMORDICA.

(Balsam Apple.)

Very curious trailing vines, with ornamental foliage, fruit golden yellow, warted, and when ripe opens, showing the seeds and its brilliant carmine interior; fine for rock-work, stumps, etc.; half-hardy annual; 10 feet.

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| 6116 Balsamina. Apple-shaped fruit. Per oz., 50 cts. 5 | |
| 6117 Charantia. Pear-shaped fruit. Per oz., 50 cts. 5 | |

MORNING GLORY.

(See Convolvulus and Ipomæa.)

MYOSOTIS.

(Forget-me-not.)

Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half-hardy perennials; blooming the first year from seed if sown early.

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 6121 Alpestris Cærulea. Bright blue; 6 inches..... | 10 |
| 6122 Alpestris Alba. Pure white; 6 inches..... | 10 |
| 6128 Alpestris Victoria. Of bushy habit, bearing large bright azure-blue flowers. The plant attains a height of 5 to 7 inches, with a diameter of 8 to 10 inches, and when fully grown is globular in shape, and perfectly covered with flowers. This beautiful Forget-me-not is the best for growing in pots..... | 15 |
| 6130 Nana Compacta Aurea. Of dwarf habit, foliage golden yellow, which contrasts prettily with its rich blue flowers..... | 15 |
| 6124 Azorica Cælestina. Handsome sky-blue flowers, produced in great profusion; 1 foot..... | 10 |
| 6125 Dissitiflora. Compact habit, profuse bloomer; exquisite blue; an attractive bedding plant; 6 in..... | 15 |
| 6123 Palustris. The true Forget-me-not; beautiful blue flowers; 6 inches..... | 10 |
| 6126 Palustris Semperflorens. A charming dwarf Forget-me-not, thriving equally well in sun or shade; continuing in bloom from early spring until autumn with beautiful blue flowers; 8 inches..... | 20 |
| 6127 Eliza Fanrobert. New, large-flowering, bright blue, of pyramidal habit; remarkably fine and distinct..... | 15 |

MYRSIPHYLLUM.

(Smilax.)

A beautiful and graceful tuberous-rooted perennial climber, none surpassing it for its glossy deep green, wavy and most delicate foliage, and small white flowers; fine for vases and baskets. Soak the seed 24 hours before sowing; 6 to 10 feet.

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|------------------------------------------------|----|
| 6134 Asparagoides. Per oz., \$2.00..... | 20 |
|------------------------------------------------|----|



MUSA ENSETE.

MUSA. (Abyssinian Banana.)

The leaves are magnificent, long, broad and massive, of a beautiful green, with a broad crimson midrib. It is used successfully for bedding out, and stands the rain and storms without much laceration. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse.

6131 **Ensete.** Packet containing 4 seeds.....25

TROPÆOLUM PEREGRINUM.
CANARY BIRD FLOWER.

TALL NASTURTIIUM.

DWARF NASTURTIIUM—Continued.

- | | PER PKT. |
|------------------------------------------------------------------------------------------------------------------------------------|----------|
| 6148 Golden King of Tom Thumbs. Deep golden yellow flowers..... | 5 |
| 6153 Empress of India. Flowers rich brilliant crimson, one of the very best in color and form, and an abundant bloomer..... | 10 |
| 6150 Tom Thumb. Mixed, all colors. Per oz., 30 cts. | 5 |
| 6149 Collection of Dwarf Nasturtiums, 12 varieties, each color separate..... | 50 |



DWARF NASTURTIIUM.

DWARF NASTURTIIUM. (Tropæolum Minor.)

The dwarf varieties are all desirable, and are among our most popular plants, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil; hardy annuals; 1 foot.

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|-------------------------------------------------------------------------------------------------------------------------|----|
| 6145 Tom Thumb Cærulea Rosea. Rose-tinted purplish maroon..... | 10 |
| 6146 Tom Thumb Crystal Palace Gem. Sulphur-colored flowers, with dark red spots near the base of each petal..... | 5 |
| 6154 Tom Thumb (Cloth of Gold). Foliage bright golden yellow; flowers scarlet..... | 10 |
| 6155 Tom Thumb Lady Bird. Golden yellow, with ruby crimson..... | 10 |
| 6141 Tom Thumb Scarlet | 5 |
| 6142 " " Yellow | 5 |
| 6143 " " Pearl. Creamy white..... | 5 |
| 6144 " " Spotted. Beautiful spotted flowers..... | 5 |
| 6147 King of Tom Thumbs. Intense scarlet..... | 5 |
| 6151 Ruby King. Pink, shaded carmine..... | 10 |
| 6152 Tom Thumb King Theodore. Flowers almost black..... | 5 |

TALL NASTURTIIUM. (Tropæolum Major.)

Elegant profuse flowering plants for verandas, trellises, etc. The seed pods can be gathered while green and tender, for pickling; hardy annuals; 10 feet.

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|---------------------------------------------------------------------------------------------------------------------------------------------|----|
| 6157 King Theodore. Bluish-green foliage and almost black flowers..... | 5 |
| 6156 Large Dark Crimson. Showy flowers..... | 5 |
| 6161 Purple Violet | 5 |
| 6162 Orange | 5 |
| 6163 Straw Colored and Striped | 5 |
| 6160 Mixed. All colors. Per oz., 30 cts..... | 5 |
| 6165 Lobbianum. Spitfire. Brilliant carmine crimson..... | 10 |
| 6170 Lobbianum. Finest Mixed. All colors..... | 10 |
| 5375 Canary Bird Flower (Peregrinum). With yellow canary-like flowers; very ornamental and beautiful foliage; half-hardy annual..... | 10 |
| 6159 Collection of Climbing Nasturtiums, 12 varieties..... | 50 |

NEMOPHILA. (Love Grove.)

Of neat, compact habit; blooming freely all summer if planted in a rather cool, shady place, and in not too rich a soil; hardy annuals; 1 foot.

- | | |
|-------------------------------------------------------------------|---|
| 6176 Insignis. Bright blue flowers, white centre..... | 5 |
| 6180 Mixed. All varieties and colors. Per oz., 50 cts..... | 5 |

NIEREMBERGIA.

A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out; 1 foot.

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| 6195 Frutescens. White, tinted with lilac..... | 10 |
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NIGELLA.

(Love in a Mist, or Devil in the Bush.)

A compact, free-flowering plant, with finely-cut foliage, curious-looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; 1 foot.

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| 6200 Damascena. Blue and white mixed..... | 5 |
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NICOTIANA.

A very pretty large flowering species of Tobacco.
An effective plant for groups.

6192 **Affinis.** Rosy blush.....10

NOLANA.

Desirable plants for hanging-baskets, bearing bell-shaped flowers.

6202 **Mixed**..... 5

OSTROWSKIA.

(Giant Bellflower.)

A charming hardy Campanula. It forms a bush four

to five feet high, which is covered with large, bell-shaped flowers of a rich dark blue shading to lilac.

6210 **Magnifica**25

OXALIS.

Beautiful small plants, suitable for the greenhouse, rock-work, baskets, or outdoor culture; flowering the first year if sown early; blooms in clusters; half-hardy perennial; 9 inches.

6206 **Alba.** Pure white.....10

6207 **Rosea.** Rose-colored..... 10

6208 **Tropæoloides.** Very desirable border plant, flowers deep yellow, foliage dark green.....10

6209 **Valdiviana.** Pure yellow.....10



1. BELGIAN STRIPED. 2. SNOW QUEEN.
3. TRIMARDEAU. 4. ODIER. 5. MIKADO.

PANSIES.

This attractive plant is too well known to require any description, as it is a favorite with all; the seed can be sown from September to March. The best plants are obtained from seed sown in the autumn, and protected during winter; these flower early in the spring. The plants from spring sowing should be planted in a shady border; they produce fine large flowers in the autumn. Pansies require fresh soil, enriched with decomposed manure; hardy perennials; 6 inches. Special directions for cultivation sent with the seed when desired.

6242 **Belgian Striped.** A lovely class bearing beautiful flowers of various shades and stripes.....15

6220 **Dreer's Premium.** Seed saved from first-class flowers only; beautiful colors mixed.....25

6222 **Odier (Five-blotched).** A beautiful strain of various colored large, handsome, perfectly formed flowers, dark spots on each petal.....25

6221 **Emperor William.** Large handsome flowers borne in great profusion well above the foliage, brilliant ultramarine blue, with a purple violet eye.15

6223 **Faust (King of the Blacks).** Almost black, the darkest pansy known.....15

6231 **Lord Beaconsfield.** A splendid sort; flowers deep purple violet, shading to white on the upper petals.....15

6228 **Snow Queen.** Very large, satiny white, light yellow centre.....15

PANSIES—Continued.

PER PKT.

PER PKT.

| | | | | | |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|----------------------------------------------------------------------------------------|--------|
| 6234 | Trimardeau. An altogether distinct and beautiful new race, the flowers of which are larger than any hitherto produced. Each flower is marked with three large blotches or spots, and the plants produce an endless variety of beautiful shades..... | 50 | 6233 | Gold Margined. All colors..... | 10 |
| 6235 | Mikado. An entirely new and distinct variety. The plants are of strong, compact habit, and carry the flowers well above the foliage. They are of fine form, large size, and present a richness and depth of coloring which are simply marvellous..... | 50 | 6236 | Havana Brown. | 10 |
| 6241 | Yellow Gem. Pure yellow, without eye..... | 15 | 6232 | Mahogany Colored. | 10 |
| 6243 | Bronze Colored | 15 | 6225 | Light Blue. | 10 |
| | | | 6224 | Purple. Rich purple, white edged..... | 10 |
| | | | 6227 | White. | 10 |
| | | | 6226 | Yellow. | 10 |
| | | | 6230 | Best Imported Mixed. Per oz. \$4.00..... | 20 |
| | | | 6240 | Good Mixed. All colors. Per oz. \$2.00..... | 10 |
| | | | 6239 | Collection of Pansies, 12 choice varieties, imported, each color separate | \$1.00 |



Dreer's Royal Exhibition Pansies.

This strain comprises a beautiful collection of colors and markings. In our trials it stood far ahead of all others, and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. Florists and amateurs desiring charming "show" flowers should not neglect the strain herein offered, as it is the result of many years' careful selection and hybridization, and embraces all the attractive features that tend to make the Pansy the people's flower. To prevent failure we offer the following method for sowing the seed: Select a good piece of ground, dig and rake thoroughly and evenly, scatter the seed on the surface and cover thinly by sieving over it some rich soil, pat gently with a piece of board or the back of a spade, give a thorough watering, and shade during the middle of the day.

No. 6238.—Per pkt., 50 cts.; one-sixteenth oz., \$1.25.

**PANSY.**

FER PKT.

- 6229 **Victoria.** A beautiful, brilliant red flowering variety, possessing sterling merit. The flowers are of large size and perfect in form. In color it surpasses all other red sorts, and is in all respects the best of its class.....35



- 6244 **Dreer's Giant Striped Pansies.** A fine new class of striped Pansies which bear large and beautiful flowers of perfect form and brilliant shading. The blooms are exquisitely streaked with soft, clear shades of color, and are a decided advance on the Belgian striped.....35

PASSIFLORA.
(Passion Flower.)

Indispensable climbing plants for the garden or greenhouse, bearing a profusion of attractive flowers.

- 6245 **Incarnata.** A hardy perennial, requiring slight protection during the winter; flowers large, white and purple, flesh-colored crown; 20 feet.....25
6246 **Gracilis.** Pure white; hardy annual.....10
6250 **Mixed.** Choice varieties, mixed.....20
6247 **Van Volxemi (Tacsonia).** Flowers of the richest scarlet, 5 inches in diameter.....25
6248 **Insignis (Tacsonia).** Remarkable for its magnificent flowers, which measure from 6 to 8 inches across; color crimson purple; filaments blue mottled with white.....25

PENTSTEMON.

One of our most beautiful and attractive herbaceous plants; bearing long, graceful spikes of rich-colored flowers; will bloom the first season if sown early in March, and planted out in May; half-hardy perennials; 2 feet.

PER PKT.

- 6260 **Mixed.** Crimson, purple, etc.....10

PERILLA.

The foliage of this plant is exceedingly elegant, of a very dark purple color, and produces a charming contrast with silvery-leaved plants; growing freely in any soil; half-hardy annual; 1½ feet.

- 6265 **Nankinensis Atropurpureus**..... 5



LARGE FLOWERED YELLOW THROAT. DREER'S SINGLE FRINGED.

PETUNIA.

For out-door decoration or house culture few plants are equal to this class. They commence flowering early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Of late years the single-striped, mottled and double varieties have been greatly improved. The strains we offer of our own growing, we can safely say without contradiction, are the best that can be procured either in this country or Europe. Hardy annuals; 2 to 3 feet.

- 6280 **Dreer's Double Hybridized and Fringed.** Saved from our own extensive collection; will produce a large percentage of double flowers of the largest fringed varieties, in bright colors and tints.....25
6290 **Dreer's Hybrid Extra Mottled.** The finest strain of mottled, spotted, and striped large-flowering varieties, of beautiful shades mixed.....20
6273 **Dreer's Single Fringed.** Finest mixed.....20
6283 **Double Liliput.** Forms dwarf and dense bushes, upon which are borne pretty, spotted, striped, and self-colored double flowers of charming colors.....25
6281 **Grandiflora, Lady of the Lake (Double White).** This novelty comes true from seed, producing the finest fringed double white flowers.....50
6268 **Grandiflora Venosa.** Large-flowering, finest shades of colors beautifully veined.....10
6271 **Grandiflora Kermesina.** Very large rich crimson showy flowers.....10
6272 **Grandiflora Superbissima.** Very large attractive flowers, of rose, crimson, and purple, with a beautiful tiger-spotted throat.....20
6267 **Hybridiflora (The Star).** Beautiful flowers of various shades of red and purple, with five white bars, resembling a star.....10
6275 **Hybrida Nana Compacta Multiflora.** Dwarf habit and a profuse bloomer. Makes perfect pyramid 8 inches high. Of a cherry-red color, with a regularly formed white star.....20
6285 **Large Flowered Yellow Throat.** These form a class of rare beauty, and come true from seed. The flowers are very large and of perfect form, with a broad deep yellow throat, veined very much like the Salpiglossis.....50
6274 **Pure White, Single.** Desirable for cemetery beds, or where large masses of white are wanted.....10
6300 **Splendid Hybrid Mixed.** All colors. Per oz., \$2.00.....10
6310 **Fine Mixed.** Good varieties. Per oz., \$1.00..... 5
6299 **Collection of Petunia, large-flowering single, 12 varieties**.....\$1.00
6309 **Collection of Petunia, double fringed, 12 varieties**.....\$1.25

PARDANTHUS.

(Blackberry Lily.)

A hardy perennial, bearing showy lily-like flowers.

6254 **Yellow, Red and Orange Spotted.**.....10**PHACELIA.**

A curious and interesting hardy annual plant of easy culture, good for bee food. The flowers are produced on racemes; 2 feet.

6317 **Campanularia.** A very attractive plant of spreading habit, covering about a foot of ground. Large rich deep blue funnel-shaped flowers.....10

STAR OF QUEDLINBURGH.

**PHLOX DRUMMONDI FIMBRIATA.
STAR OF QUEDLINBURGH.**Of dwarf habit, bearing very pretty flowers; varying in color from violet blue to deep rose margined with white; the edges are slightly fringed. The spines which project from the edge of the flower are $\frac{1}{2}$ to $\frac{1}{2}$ an inch long and give the flower a star-like appearance.6351 **Mixed.**.....15**PHLOX DRUMMONDI.**An indispensable, constant blooming favorite, which should occupy a prominent place in every garden for clumps or massing; quite as desirable as the Verbena for their duration of bloom and display of brilliant dazzling colors; hardy annuals; $1\frac{1}{2}$ feet.6321 **Alba Pura.** Pure white.....106322 **Alba Oculata.** White, various colored eyes.....106323 **Atropurpurea.** Deep purple red.....106324 **Leopoldi.** Deep pink, with a white eye.....106325 **Coccinea.** Brilliant scarlet.....106327 **Isabel.** Light yellow.....106328 **Peach Blossom.** Large flowers of a delicate salmon tint.....106330 **Mixed.** All colors. Per oz., \$1.00..... 5**PHLOX DRUMMONDI GRANDIFLORA.**An improvement on the old varieties in stronger, more compact growth, and larger flowers, with white centres, admirably relieved by a dark violet eye; $1\frac{1}{2}$ feet.6331 **Alba Pura.** Pure white.....106334 **Carminia Alba Oculata.** Rosy carmine, white eye.....106332 **Coccinea.** Rich brilliant scarlet.....106335 **Elegans Carminia.** Large round white centre, margin varying from rose to crimson..... 106336 **Kermesina Striata.** Flowers crimson, striped white.....106333 **Splendens.** Vivid crimson, with a pure white eye, violet-edged.....10

PHLOX DRUMMONDI GRANDIFLORA STELLATA SPLENDENS.

PHLOX DRUMMONDI GRANDIFLORA.*Continued.*6337 **Stellata Splendens.** One of the brightest colored and most effective of all the large-flowered Phloxes, having a clearly defined pure white star which contrasts strikingly with the vivid crimson..106340 **Mixed.** All the Grandiflora varieties mixed. Per oz., \$1.50.....10**PHLOX DRUMMONDI NANA.**

This new strain is of a dwarf, compact habit and makes desirable pot plants, also for ribbon lines and massing; 10 inches in height.

6344 **Heynholdi Cardinalis.** Compact and bushy globular plants, covered with beautiful coppery-scarlet flowers.....106343 **Nana Compacta, Fireball.** Brilliant scarlet...206346 **Fair Maid.** A new and distinct dwarf Phlox. The flowers, of a delicate fleshy pink shading to a rich crimson in the centre, are very beautiful, and form a valuable addition to the colors of this class.....156345 **Nana Compacta, Snowball.** Pure white.....206350 **Mixed.** Dwarf varieties mixed. Per oz., \$5.00...20

DOUBLE WHITE PHLOX DRUMMONDI.

6354 **Double White Phlox Drummondii.** A profuse bloomer, and of great value for bouquets, as it blooms at a season when white flowers are especially desirable. About 60 per cent. of the seed sown will produce double flowers.....206353 **Coccinea Fl. Semi Pleno.** More compact than the single flowered, while the trusses and the individual flowers are equal in size to those of the dwarf varieties.....206339 **Collection of Phlox, 12 choice varieties.....75**6349 **“ “ “ Grandiflora, 12 choice varieties.....\$1.00**6359 **Collection of Phlox, Dwarf Compact, 6 choice varieties.....75**6355 **Decussata, Perennial, Mixed.** This Phlox is one of the finest hardy herbaceous perennials, for beds or borders. Seed saved from the finest named flowers, all colors, mixed.....10

PHYSIANTHUS.

(Cruel Plant.)

A rapid growing climber, bearing bell-shaped flowers which are covered with a gummy substance. Butterflies and other insects which alight thereon are unable to free themselves.

PER PKT.

6358 **Albeus Pure White**.....10**PINKS** (See *Dianthus* and *Carnation*).**PLATYCODON GRANDIFLORUM.**

(Wahlenbergia.)

A hardy perennial, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting among shrubbery.

6356 **Alba**. Pure white..... 56360 **Mixed**. Blue and white..... 5**POLYANTHUS.**

(Primula Elatior.)

Showy, early spring free-flowering plants, fine for either pot or out-door culture; hardy perennials; 9 inches.

6362 **English**. The best single, all colors mixed.....206363 **Duplex**. Double hose-in-hose, beautiful colors mixed.....256364 **Gold Laced**. Very showy and attractive.....20

SHIRLEY POPPY.

POPPY.

(Papaver.)

A showy and easily cultivated hardy annual, with large brilliant colored flowers, growing freely in any garden soil, and producing a fine effect in large clumps or mixed beds. Sow early in the spring where they are to remain, as they will not bear transplanting; 2 feet.

6384 **Shirley Poppies**. These charming Poppies are generally single or semi-double. The range of color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson, is so varied that scarcely two are alike, while many are delicately edged and striped. The blooms, if cut when young, will stand for several days without dropping.....20

6371 **Carnation Flowered**. Splendid double fringed flowers, mixed colors..... 56376 **Chinese**. Distinct varieties of this favorite flower. Plants not exceeding 2 feet in height. Mixed, all colors and shades.....106383 **Croceum**. A lovely perennial Poppy bearing a profusion of rich yellow blooms.....106378 **Crimson King**. Brilliant crimson flowers, perfectly double and round as a ball. A charming effect can be made by sowing this variety and Snowdrift together.....106372 **Danebrog**. A very desirable and showy novelty, producing large single flowers of a brilliant scarlet, with a large silvery-white spot on each petal, thus forming a white cross.....106386 **Fairy Blush**. Very double flowers of a pure white color, elegantly fringed and tipped with rose.....106373 **Pæony Flowered**. Large and very double flowers; mixed colors..... 5

POPPY—DANEBROG.



POLYANTHUS.

POPPY—Continued.

PER PKT.

6377 **Snowdrift**. Flowers pure snow-white, very double, of large size and perfectly round. This is the very best double white variety yet offered.....106374 **Umbrosom**. A new variety, producing flowers of the richest vermilion, with a deep shining black spot on each petal.....106381 **Victoria Cross**. Crimson, broad white cross.....156380 **Mixed**. All varieties and colors. Per oz., 50 cts. 56385 **Bracteatum**. Large fiery scarlet, perennial..... 106390 **Perennial Mixed, Oriental**. A hardy perennial variety of beautiful colors; from 2 to 3 feet...10 For Opium Poppy, see Herbs.6389 **Collection of Poppies** in imported packets, 12 varieties, each color separate.....506379 **Collection of 8 varieties Perennial Poppies**, each color separate.....50

FAIRY BLUSH POPPY.

PORTULACA.

One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam, or sandy soil, and luxuriating in an exposed sunny situation; the single flowering varieties are large and brilliant, of the richest shades of color, and produced throughout the summer in great profusion; fine for massing in beds, edgings, or rock-work; 6 inches.

6401 **Alba Pura**. Pure white..... 56403 **Brilliant Scarlet**..... 56404 **Gold Striped**..... 56405 **New Pink**..... 56406 **Orange Perfection**..... 56400 **Mixed**. All colors. Per oz., 75 cts..... 56410 **Grandiflora Flore Pleno** (Double Flowering *Portulaca*). The flowers are perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. Seed selected from the finest double flowers...156409 **Collection of Double Portulaca** in imported packets, 8 varieties, each color separate.....60



PRIMULA VULGARIS.



PRIMULA JAPONICA.

HARDY PRIMROSES.

These are among the best of the early spring blooming plants. With a slight protection they will stand the winter, but do better if protected by a cold frame.

- PER PKT.
- 6432 **Primula Japonica.** Bright and showy flowers, borne in whorls on stems 6 to 9 inches long; mixed colors.....15
- 6433 **Primula Cortusoides Amœna Grandiflora.** A charming variety bearing dark crimson flowers with distinct white eye.....25
- 6415 **Primula Veris (English Cowslip).** Flowers of different colors, yellow, brown, and yellow edged, etc.; very fragrant; 6 inches.....10
- 6431 **Primula Vulgaris.** The common hardy English variety; flowers fragrant and of a light canary-yellow color.....10



CASTOR OIL BEAN.



SABBATIA.

RICINUS.

(Castor Oil Bean.)

Ornamental plants of stately growth and picturesque foliage, with brilliant-colored fruit, producing a sub-tropical effect; fine for lawns, massing, or centre plants for beds; half-hardy annuals.

- 6471 **Borboniensis Arboreus.** Very large and beautiful foliage; 15 feet..... 5
- 6472 **Gibsoni, or Duchess of Edinburgh.** Dwarf branching habit, deep red foliage; 5 feet..... 5
- 6476 **Queen of Cambodia.** The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effect may be obtained when planted in groups.....20
- 6474 **Philippiensis.** A new variety from the Philippines, with beautiful gigantic foliage; 10 feet..... 5
- 6473 **Sanguineus.** Blood-red stalks and clusters of red fruit; 8 feet..... 5

RICINUS—Continued.

- PER PKT.
- 6475 **Tricolor.** Green and brown-spotted red fruit, red stalks; 6 feet..... 5
- 6480 **Mixed.** Per oz. 40 cts..... 5

ROMNEYA.

(Tree Poppy.)

A hardy perennial from California bearing very large double flowers shaped like a Pœony.

- 6467 **Coulteri.** Pure white.....20

RUDBECKIA.

(Cone Flower.)

Very showy hardy annuals bearing large flowers, and continuing in bloom a long time.

- 6482 **Newmani.** Bright yellow petals surrounding a large black cone; a showy flower.....10

SABBATTIA.

A charming plant for border or greenhouse. It bears very attractive flowers which remain perfect for several days when cut and emit a delicate fragrance.

- 6483 **Campestris.** Bright rose pink. Annual.....20



LARGE FLOWERED SALPIGLOSSIS.

SALPIGLOSSIS.

Free blooming plants, with curiously pencilled and marbled funnel-shaped flowers; suitable for the greenhouse or flower border; of easy culture, requiring a light, rich soil; half-hardy annual; 1½ feet.

- 6485 **Large Flowered.** All colors, mixed.....10
- 6490 **Small** " All colors, mixed..... 5

SALVIA.

(Flowering Sage.)

A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July to October; half-hardy perennials, blooming the first year from seed; 3 feet.

- 6493 **Splendens (Scarlet Sage).** Beautiful, bright scarlet. Per oz. \$3.00.....10
- 6495 **Farinacea.** Spikes from 9 to 18 inches long, light blue flowers and beautiful dark blue woolly-haired bracts.....20
- 6494 **Patens.** Superb deep blue.....20
- 6496 **Argentea.** Beautifully ornamental silvery foliage plant, with spikes of white flowers.....10
- 6497 **Carduacea.** A novelty from California, having no resemblance to any other Salvia. White, woolly, thistle-like leaves; large, light blue, fimbriated flowers, with wide vermilion anthers, borne in whorls, 4 to 6 on each stem. Thrives best in a sunny, dry situation; if sown early it blooms in May.....15



SANVITALIA.



SCHIZANTHUS.

SANVITALIA.

A valuable dwarf bedding plant; fine for rockeries, etc.; flowers during the summer and autumn months, thriving best in a light, rich soil; hardy annual; 6 inches.

- 6492 **Procumbens Flore Pleno.** Double golden yellow.....10

SAPONARIA.

(Bouncing Bet.)

Beautiful compact-growing plants, with masses of miniature cross-shaped flowers, blooming throughout the summer and late in the autumn; hardy annual.

- 6500 **Mixed.** All colors; 6 inches.....5

SCABIOSA.

(Mourning Bride, or Sweet Scabious.)

One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc.; hardy annual.

- 6510 **Tall Mixed.** Double, all colors; 2 ft. Oz., 60 cts. 5
6520 **Dwarf Mixed.** Double, all colors; 1 foot.....5
6505 **Candidissima Alba Pleno.** Double pure white flowers, excellent for florists' use; 2 feet.....10

SCHIZANTHUS.

(Butterfly Flower.)

A splendid class of plants, combining elegance of growth with a profusion of rich and various colored flowers, fine for greenhouse decoration and the flower garden; of easy culture; half-hardy annual.

- 6525 **Papilionaceous.** A charming variety, resembling some species of Orchids. The flowers are purple, spotted with yellow, orange crimson and black.....10
6530 **Mixed.** All colors of the tall varieties; 2 feet.....5

SEDUM.

(Stonecrop.)

A pretty and useful little plant, growing freely on rock or rustic work, hanging-baskets, etc.; during the summer they expand their brilliant star-shaped flowers in profusion; mixed colors and varieties; hardy perennial; 3 inches.

- 6540 **Mixed**.....10

SENSITIVE PLANT.

(Mimosa.)

Curious and interesting plants, with pinkish white flowers; the leaves close and droop when touched or shaken; they require a mixed soil of peat, loam and sand; tender annual.

- 6555 **Pudica.** 1½ feet.5

SENECIO, or JACOBÆA.

A showy half-hardy perennial from South Africa. It produces in great profusion branching spikes of bright flowers, 1½ inches in diameter, from spring until fall, and will bloom all winter in a cool greenhouse.

- 6550 **Speciosus.** Bright magenta.....20

SILENE.

(Catch-Fly.)

A beautiful, early, free-blooming plant, adapted for beds, borders, or ribbon-gardening; of easy culture, growing in any garden soil; hardy annual; 1 foot.

- 6560 **Armeria Mixed.** Red, white, and rose. Per oz., 60 cts.....5
6557 **Pendula Flore Pleno.** Producing charming double rose-colored flowers in profusion.....10

SMILAX.(See *Myrsiphyllum Asparagoides*.)**SNAP DRAGON** (See *Antirrhinum*.)

"SNOWFLAKE" STOCK.

"SNOWFLAKE" STOCK.

- 6603 In habit this stock closely resembles the Dwarf Pyramidal; it produces a vigorous main spike of uncommonly large and very double snow-white flowers and, when fully developed, numerous flowering side-shoots. Its glossy dark green foliage renders the dazzling whiteness of the flowers more conspicuous. It is one of the earliest of the Dwarf Ten Week Stocks, and is admirably adapted for forcing. Seed produces about 60 per cent. of double flowers.....15

STOCKS.

(Mathiola annua.)

The Stock is one of the most popular plants, either for bedding, massing, or pot-culture; for brilliancy and diversity of color or profusion and duration of bloom it is unsurpassed. The TEN WEEK STOCKS (*Mathiola annua*) are generally cultivated, and bloom from ten to twelve weeks after being sown; they grow from 6 to 18 inches high, and when grown in light, rich soil, and occasionally watered with weak guano water, they bear an immense quantity of bloom, so that each plant forms a perfect bouquet of delightful fragrance. For early flowering, start the seeds in a greenhouse or hot-bed, and transplant into the garden in May after all danger of frost is over; half-hardy annual.

- 6610 **Dwarf Wallflower Leaved, Mixed.** 15 in....15
6604 **Dwarf Wallflower Leaved.** Bright yellow....15
6601 **Dwarf Wallflower Leaved Ten Week.** Double. Pure White.....15
6602 **Dwarf Wallflower Leaved Ten Week.** Double. Carmine.....15
6596 **Dwarf Bouquet Ten Week, Mixed.** Blooms in the shape of a bouquet, with beautiful double flowers of various colors; 10 inches.....15
6597 **Perpetual Dwarf Ten Week, Mixed** (*Semperflorens*). A double constant blooming sort, with fine double flowers of various colors; 15 inches.....10

STOCKS—Continued.

Large Flowering Dwarf Ten Week. The following are the best double varieties and most desirable colors for cultivation; 15 inches.

| | PER PKT. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 6591 Blood Red | 10 |
| 6592 Crimson | 10 |
| 6593 Light Blue | 10 |
| 6594 Purple | 10 |
| 6595 Pure White | 10 |
| 6598 Bright Pink | 15 |
| 6600 Mixed. All choice double large-flowering..... | 10 |
| 6612 Intermediate, or Autumnal Flowering, Mixed. Very beautiful; choice double flowers; 2 feet..... | 10 |
| 6611 Brompton, or Winter, Mixed. Half-hardy biennial, bushy plants; producing a beautiful display of double flowers; 2 feet..... | 10 |
| 6613 Perpetual, or Emperor White. A pure white Brompton Stock..... | 20 |
| Giant Perfection, Mixed. Very showy flowers; habit of plant strong and inclined to grow tall..... | 10 |
| 6614 Hardy's All the Year Round. This beautiful variety produces fine large spikes of double white flowers, from January to December, in the greatest profusion. 75 per cent. come double; 1 foot..... | 15 |
| 6609 Collection of Ten Week Stocks, Large Flowering Dwarf, 12 varieties | \$1.00 |
| 6619 Collection of Perpetual Stocks, 6 varieties | 50 |



SWEET PEAS.

SOLANUM.

Interesting greenhouse shrubs; bearing bright colored seed pods; for groups on lawns or single specimens they are quite desirable. They grow freely in a light, rich soil. Half-hardy perennials.

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 6565 Ciliatum. A brilliant scarlet fruiting variety which retains its bright color and form long after ripe; fine for Christmas decorations. The fruit is about 1 inch in diameter. They grow freely in a light, rich soil, and fruit the first season from seed. Half-hardy annual; 2 feet..... | 5 |
| 6570 Mixed. Different varieties and colors..... | 10 |

STEPHANOTIS.

A greenhouse evergreen perennial climber, producing clusters of fragrant flowers in the greatest profusion.

| | |
|---------------------------------------------|----|
| 6584 Floribunda. White; 20 feet..... | 50 |
|---------------------------------------------|----|

STEVIA.

Free-blooming plants, bearing a multitude of fragrant flowers; suitable for summer or winter blooming.

PER PKT.

| | |
|--------------------------------------|----|
| 6622 Serrata. Pure white..... | 10 |
|--------------------------------------|----|



STOCKS.



SWEET WILLIAM.

SWAN RIVER DAISY (See Brachycome).**SWEET PEAS.**

(Lathyrus Odoratus.)

Beautiful fragrant free-flowering plants, thriving in any open situation; excellent for screening unsightly objects; will bloom all summer and autumn if the flowers are cut freely and the pods picked off as they appear. They may be sown in autumn in this section; early sowing is necessary; hardy annuals; 6 feet.

| | |
|---------------------------------------------------------------|----|
| 5993 Blue Bird. Bright blue..... | 5 |
| 6815 Butterfly. White tinted lilac..... | 5 |
| 5996 Capt. Clarke (Tricolor). White, rose, purple..... | 5 |
| 5998 Crown Princess. Blush..... | 5 |
| 6004 Invincible Carmine. Bright carmine..... | 10 |
| 5997 " Scarlet. Bright scarlet..... | 5 |
| 6005 Painted Lady. Red and white..... | 5 |
| 5995 Princess Beatrice. Bright rose pink..... | 10 |
| 6006 Purple Crown. Purple..... | 5 |
| 5994 Snowflake. Pure white..... | 5 |
| 6001 Vesuvius. Carmine rose, dotted crimson..... | 10 |
| 6816 Violet Queen | 10 |
| 6000 Mixed. All colors..... | 5 |

Separate colors, per oz., 20 cts., per lb. \$1.50

| | |
|----------------------------------------------------------|----|
| 5999 Collection of Sweet Peas, 10 varieties | 40 |
|----------------------------------------------------------|----|

6009 " " " 6 sorts, our selection, one ounce of each.....\$1.00

EVERLASTING PEAS (See Lathyrus).**SWEET WILLIAM.**

(Dianthus Barbatus.)

A well-known attractive free-flowering plant, which has been greatly improved of late years, producing a splendid effect in beds and shrubbery with their rich and varied flowers; hardy perennial; 1½ feet.

| | |
|---------------------------------------------------------------------------------------------------------------------------------|----|
| 6625 Auricula Flowered Perfection, Mixed. A beautiful class of "eyed" single varieties, all colors. Per oz., \$1.00..... | 10 |
| 6640 Mixed. Single, good colors. Per oz., 50 cts..... | 5 |
| 6630 Double. The finest colors, saved from a splendid double collection. Per oz., \$2.00..... | 10 |

SWEET SULTAN.

(Centaurea Moschata.)

Sweet-scented, profuse flowering, showy plants, of easy culture, and very effective in shrubbery; hardy annuals.

| | |
|--------------------------------------------------------|---|
| 5458 Mixed. Blue, purple and white; 2 feet..... | 5 |
|--------------------------------------------------------|---|



THUNBERGIA.



TOBACCO.

TAGETES.

A dwarf, globular, compact, bushy plant, with beautiful delicate fern-like leaves, densely covered with flowers; valuable for borders as well as beds; half-hardy annual.

- | | | |
|------|--------------------------------------------------------------------------------------------------------------------------|------------|
| 6654 | Signata Pumila. Bright yellow, striped brown; 1 foot..... | PER PKT. 5 |
| 6655 | Pumila Golden King. An attractive rich orange color, short and compact habit, very free-flowering; 10 inches..... | 10 |

THUNBERGIA.

(Black-Eyed Susan.)

Beautiful rapid-growing climbers, thriving in a light, rich, loamy soil, in warm situations in the garden; the flowers are very pretty, and are borne profusely during the season; fine for vases, rustic-work, or greenhouse culture; half-hardy annuals; 4 feet.

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|------|------------------------------------------------|---|
| 6661 | Alba Oculata. White, dark eye..... | 5 |
| 6662 | Alata. Buff, dark eye..... | 5 |
| 6663 | Aurantiaca. Orange, dark eye..... | 5 |
| 6664 | Bakeri. Pure white..... | 5 |
| 6670 | Mixed. All colors. Per oz., 60 cts..... | 5 |

TOBACCO.

(Nicotiana.)

A beautiful new sort, with showy white and green foliage; half-hardy annual; 4 feet.

- | | | |
|------|---------------------------------|----|
| 6675 | Variegated Foliage | 10 |
|------|---------------------------------|----|

TORENIA.

A very fine annual, forming a splendid plant for vases, hanging-baskets, the greenhouse, or for growing out of doors; they are covered until late in the season with one mass of bloom.

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|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 6681 | Fournieri. Large sky-blue flowers, with three spots of dark blue, and a bright yellow centre..... | 20 |
| 6683 | Bailtoni. A valuable species, distinguished for the size and charming color of its flowers, which are bright golden yellow with a brownish-red throat. An admirable contrast with T. Fournieri; 15 inches. | 20 |

TROPÆOLUM (See Nasturtium).**VALERIANA.**

(Hardy Heliotrope.)

Very showy border plants, or for mixing with shrubbery; growing in any garden soil, doing well in the shade; producing large corymbs of flowers; hardy perennial.

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|------|-------------------------------------------------|---|
| 6690 | Mixed. Bright red and white; 2 feet..... | 5 |
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VERONICA

(Speedwell.)

Very ornamental plants for garden or pot culture; it makes an extremely pretty edging for small beds, etc.; half-hardy annual; 6 inches.

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|------|----------------------------------------------|----|
| 6693 | Syriaca, Mixed. Blue, white, etc..... | 10 |
|------|----------------------------------------------|----|

VERBENA HYBRIDA.

An indispensable bedding plant. Though they are half-hardy perennials, they can be treated as hardy annuals; they bloom the first season from seed, and bear bright flowers of many different shades.

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|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 6705 | Auriculædora. Beautiful colors of auricula-eyed varieties..... | 20 |
| 6706 | Blue | 20 |
| 6701 | Candidissima. A decided improvement producing large trusses of the purest white flowers, invaluable for florists..... | 20 |
| 6702 | Coccinea. Brilliant scarlet..... | 20 |
| 6703 | Dreer's Striped. Beautiful striped varieties of brilliant shades..... | 20 |
| 6704 | Golden-Leaved Scarlet. Golden yellow foliage, which strikingly contrasts with the bright scarlet flowers. A valuable acquisition for bedding, as it remains unimpaired until frost; reproduced true from seed..... | 25 |
| 6711 | Snowball. This variety grows into a compact bush instead of being of straggling habit. The umbels are large and bear medium-sized pure white flowers. As it can be kept down to a height of 5 or 6 inches, it will doubtless prove of value as an edging plant..... | 25 |
| 6700 | Dreer's Choicest Mixed. Selected from our large collection of the newest and finest-named varieties and richest colors. Per oz., \$4.00..... | 20 |
| 6710 | Mixed. All colors of the older sorts. Per oz., \$2.00..... | 10 |
| 6709 | Collection of Verbena, 6 varieties | 60 |

LEMON VERBENA.

- | | | |
|-------|----------------------------------------------------------------|----|
| 6708. | Aloysia Citriodora. Fragrant lemon-scented foliage..... | 10 |
|-------|----------------------------------------------------------------|----|



DREER'S MAMMOTH VERBENA.

MAMMOTH VERBENA.

The flowers are very large, of brilliant colors and have large, distinct eyes. We consider the Mammoth Verbena one of the very best new things offered for many years. In coloring they excel the old varieties, are of vigorous habit and free-blooming, and are the most attractive of the class.

The seed we offer is the True Mammoth, and is not the Large Flowering German variety which we find worthless here.

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|------|--------------------|----|
| 6707 | Mixed | 25 |
|------|--------------------|----|



TORENIA.



VINCA.

VINCA.

(Madagascar Periwinkle.)

Ornamental free-blooming plants; they flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter; 2 feet.

| | PER PKT. |
|--------------------------------------------------|----------|
| 6713 Rosea. Rose, with dark eye..... | 10 |
| 6714 Alba. White, with crimson eye | 10 |
| 6715 Alba Pura. Beautiful pure white..... | 10 |
| 6720 Mixed. Per oz., \$1.50..... | 10 |

VIRGINIAN STOCK.

(Cheiranthus Maritimus.)

Beautiful free-flowering little plants, very effective in small beds, edgings, or baskets, growing in any soil; hardy annuals.

| | |
|----------------------------------------------|---|
| 6620 Mixed. All colors; 3 inches..... | 5 |
|----------------------------------------------|---|

VIOLET.

(Viola Odorata.)

Well-known fragrant early spring blooming plants for edgings, groups, or borders; thriving best in the summer in a shady situation, in a rich, deep soil; extensively used by florists for forcing for cut flowers during the fall and winter months; hardy perennials; 6 inches.

| | |
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| 6725 Single Blue (<i>Odorata Semperflorens</i>). Very sweet-scented blue flowers..... | 10 |
| 6726 Single White, The Czar. Very fragrant and free-flowering..... | 10 |

WALLFLOWER.

(Cheiranthus Cheiri.)

Well-known deliciously fragrant garden plants, blooming early in the spring, with large conspicuous spikes of beautiful flowers; they should be protected in a cold frame in the winter, and planted out in May; are much prized for bouquet flowers; half-hardy perennials.

| | |
|---------------------------------------------------------------------------------------------|--------|
| 6741 Single. Old gold color..... | 10 |
| 6740 Single Mixed. All colors; 2½ feet..... | 5 |
| 6731 Double. Fine bronze color..... | 15 |
| 6730 Finest Double Mixed. All colors; 2 feet..... | 10 |
| 6739 Collection of Double Wallflower in original imported packets, 12 varieties..... | \$1.00 |
| 6749 Collection of Single Wallflower, 6 varieties..... | 50 |



WHITLAVIA.



WALLFLOWER.

WHITLAVIA.

Charming hardy annual, with delicate foliage and clusters of beautiful bell-shaped flowers, fine for ribboning, mixed borders, or shady spots; growing freely in any garden soil, also good for baskets, vases, etc.; 1 foot.

PER PKT.

| | |
|----------------------------------------------------------------------------------------------------------------|---|
| 6745 Grandiflora. Large, violet-blue..... | 5 |
| 6746 Gloxiniodes. Beautiful large Gloxinia-like flowers, pure white corolla, and delicate blue lip..... | 5 |

WIGANDIA.

A grand and stately ornamental plant, with beautiful large leaves 3 feet long and 1½ feet wide, imparting a sub-tropical effect to the garden; half-hardy perennial; 6 feet.

| | |
|------------------------------|----|
| 6751 Caracasana | 15 |
|------------------------------|----|

YUCCA.

(Adam's Needle.)

A splendid plant with large clusters of creamy-white tulip-like flowers on tall stems; hardy perennial; 3 feet.

| | |
|-------------------------------------|---|
| 6775 Filamentosa. White..... | 5 |
|-------------------------------------|---|



ZEBRA ZINNIA.



POMPONE ZINNIA.

ZINNIA ELEGANS, FL. PL.

(Youth and Old Age.)

Double Zinnias are an acquisition to our list of garden favorites; of branching habit and splendid brilliant colored double flowers, rivalling the Dahlia in beauty and form. The seed can be sown early in the hot-bed and transplanted, or sown later in the open ground; half-hardy annuals; 2 feet.

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 6786 Tom Thumb. A miniature Zinnia forming compact, round bushes 6 to 12 inches in height and 8 to 15 inches in diameter. The colors are bright and various..... | 20 |
| 6781 White. Pure white flowers, fine for florists..... | 10 |
| 6782 Haageana. A splendid double variety; flowers deep orange, margined with yellow, keeping its color when dried as a winter flower..... | 10 |
| 6783 Pompone. Excellent Zinnias, differing from the older ones in habit of growth and the immense size of their perfectly formed very double flowers of various striking colors. The plants are dwarf and bloom freely during a long period..... | 10 |
| 6784 Robusta Plenissima. The flowers are 5 to 6 inches across, perfectly formed, very double and of striking colors. The plants grow to a height of 3 feet and remain in bloom a long time..... | 10 |
| 6785 Scarlet Bedder. A Pompone variety, bearing fiery scarlet blooms of large size..... | 10 |
| 6800 Pumila Flore Pleno. A new strain of dwarf extra-double varieties, quite distinct from the above, of splendid rich colors, mixed; 1 foot..... | 10 |
| 6791 Zebra. A very pretty strain of striped flowers. As the colors vary on each plant, they present a curious as well as pretty appearance..... | 15 |
| 6790 Extra Choice Mixed. Saved from selected double flowers. Per oz., 75 cts..... | 5 |
| 6789 Collection of new Dwarf Double Zinnia in imported packets, 6 separate colors..... | 50 |

Zebra Zinnia will produce about 25 per cent. of striped flowers.

Flower Seeds in Assortments.

The following assortments are principally imported from Europe. They are sold in original packages only. Each variety or color separate in the package. No parts of assortments can be made.

| | Colors. | Pkt. | | Colors. | Pkt. |
|------------------------------------------------|---------|--------|-------------------------------------------------|---------|--------|
| 5139 ANTIRRHINUM. Finest Tall..... | 10 | 50 | 6059 MARIGOLD..... | 10 | 40 |
| 5129 " Finest Dwarf Tom Thumb..... | 10 | 50 | 6089 MARVEL OF PERU. (Four O'clock.) | | |
| 5179 ASTERS. Finest Quilled..... | 18 | \$1.00 | 12 varieties..... | 50 | |
| 5189 " "..... | 10 | 60 | 6109 MIGNONETTE..... | 10 | 50 |
| 5199 " Truffaut's Paeony Perfection..... | 12 | 1.00 | 6149 NASTURTIUM. Dwarf Tom Thumb..... | 12 | 50 |
| 5209 " Victoria..... | 12 | 1.00 | 6159 " Climbing..... | 12 | 50 |
| 5219 " Boltze's Dwarf Bouquet..... | 12 | 1.00 | 6239 PANSIES. Beautiful varieties..... | 12 | \$1.00 |
| 5229 " Giant Emperor..... | 12 | 1.00 | 6299 PETUNIA. Large flowering single var's..... | 12 | 1.00 |
| 5239 " Large Flowered Rose..... | 10 | 75 | 6309 " Extra Double. Fringed var's..... | 12 | 1.25 |
| 5249 " Cocardeau, or Crown..... | 6 | 50 | 6339 PHLOX DRUMMONDI..... | 12 | 75 |
| 5259 " Goliath..... | 6 | 50 | 6349 " Grandiflora. Large flowering..... | 12 | 1.00 |
| 5269 BALSAM. Improved Double Camellia..... | 6 | 1.00 | 6359 " Nana Compacta. Dwarf..... | 6 | 75 |
| 5289 " Very Fine Double Camellia..... | 6 | 50 | 5739 PINKS. Chimensis and Heddeewigi..... | 12 | 60 |
| 5279 " Double Rose Flowered..... | 12 | 1.00 | 6409 PORTULACA. New Double..... | 8 | 60 |
| 5399 CANNA. Beautiful foliage plants..... | 12 | 1.00 | 6389 POPPY. Paeony Flowered..... | 12 | 50 |
| 5389 CANDYTUFT. 6 varieties..... | 30 | | 6579 " Oriental. Perennial. 8 var's..... | 50 | |
| 5429 CARNATION. From the finest selection..... | 12 | 1.00 | 6429 PRIMULA SINENSIS. Fringed Single..... | 12 | 1.25 |
| 5449 CELOSIA. Dwarf Cockscomb..... | 6 | 50 | 6439 " " Fringed Single..... | 6 | 75 |
| 5799 DAHLIA. Single. 12 varieties..... | 1.00 | | 6449 " " Double Flowering..... | 6 | 1.25 |
| 5819 FERNS. Rare and choice varieties..... | 12 | 1.50 | 6609 STOCKS. Large flowered Ten-week..... | 12 | 75 |
| 5919 GRASSES. Ornamental..... | 18 | 1.15 | 6619 " Perpetual Flowering, "..... | 6 | 40 |
| 6599 GREENHOUSE PLANTS..... | 25 | 2.00 | 5999 SWEET PEAS..... | 10 | 40 |
| 5939 HELIOTROPE. 6 varieties..... | 40 | | 6009 " " 6 sorts, 1 oz. of each..... | 1.00 | |
| 5949 HOLLYHOCKS. Charter's prize, double..... | 12 | 1.00 | 6709 VERBENA..... | 6 | 60 |
| 6659 IMMORTELLE, or Everlasting Flowers..... | 12 | 75 | 6739 WALLFLOWER. Choice double..... | 12 | 1.00 |
| 5709 LARKSPUR. Dwarf German Rocket..... | 10 | 50 | 6749 " " Choice Single..... | 6 | 40 |
| 5719 " Tall Double Stock Flowered..... | 8 | 50 | 6789 ZINNIA ELEGANS. New dwarf, double..... | 6 | 50 |

Flower Seeds in Collections.

For the accommodation of those who are unacquainted with the varieties, we have put up the following collections of desirable, free-blooming and showy kinds for general garden culture. No parts of collections made.

| | | | |
|-----------------------------------------------------------|--------|------------------------------------------------------------------|--------|
| No. 1. Collection of 12 annuals, free bloomers..... | 50 | No. 4. Collection of 12 new and rare annual var'ties..... | \$2.00 |
| No. 2. Collection of 25 annuals, free bloomers..... | \$1.00 | No. 5. Collection of 20 biennials and perennials..... | 1.00 |
| No. 3. Collection of 12 very choice annual varieties..... | 1.00 | No. 6. Collection of 100 annuals, biennials, and perennials..... | 5.00 |

PARIS DAISIES.

Under this head we have gathered a few plants that bear Daisy-like flowers, and which will grow readily and bloom profusely. For full description of these varieties and for other sorts that may please the fancy better than those listed, please see the respective headings. They are all suitable for pot-culture or growing in the open ground.

| | | | |
|-----------------------------------|----|----------------------------------|----|
| BRACHYCOME, Swan River Daisy..... | 5 | CHRYSANthemum, Burridgeanum..... | 5 |
| CHRYSANthemum, Eclipse..... | 10 | " " Segetum..... | 10 |
| " " Frutescens..... | 15 | " " Sultan..... | 10 |
| " " Gladstone..... | 10 | BIDENS ATROSANGUINEA..... | 10 |
| " " Golden Feather..... | 10 | PYRETHRUM HYBRIDUM..... | 10 |

The above collection of 10 sorts, amounting to 95 cts., for 75 cts.

HARDY PERENNIALS.

| | | | |
|----------------------------|-----------------------|-----------------------------|---------------------------------|
| ACONITUM NAPELUS. | COREOPSIS LANCEOLATA. | FORGET-ME-NOT (Myosotis). | MALLOWs. |
| ACANTHUS. | CAMPANULA. | FOXGLOVE. | MARVEL OF PERU (Four-o'clocks). |
| ACHILLEA. | CANDYTUFT. | GENTIANA ACAULIS. | PENTSTEMON. |
| AGROSTEMMA. | CARNATIONS. | GYPsOPHILA. | PHLOX. |
| ALYssUM SAXATILE COMPACTA. | CEDRONELLA CANA. | HIBISCUS PALustris. | PLATYCODON. |
| ANCHUSA. | CHAMAEPUCE. | HOLLYHOCK. | POLYANTHUS. |
| ANEMONE. | CERASTIUM. | IRIS. | POPPY. Oriental. |
| ANTIRRHINUM. | DAISY. | LATHYRUS (Everlasting Pea). | PRIMULA. |
| AQUILEGIA. | DELPHINIUM. | LILY OF VALLEY. | PYRETHRUM. |
| ARMERIA. | DIANTHUS (Pinks). | LOBELIA CARDINALIS. | SEDUM. |
| ASTER PERENNIAL. | DICTAMNUS. | LOBELIA FULGENS. | SWEET WILLIAM. |
| ASPHODELUS. | DIGITALIS, Foxglove. | LUPINS. | VALERIANA. |
| AZALEA PONTICA. | EUPATORIUM FRASERI. | LYCHNIS. | VIOLET. |
| BAPTISIA. | EVENING PRIMROSE. | | WALLFLOWER. |
| BOCCONIA. | FEVERFEW. | | YUCCA. |

CLIMBERS.

| | | | |
|---------------------------------------|-----------------------|-----------------------|---------------------------|
| ADLUMIA CIRRHOSA. | BEAN, SCARLET RUNNER. | ECCREMOCARPUS. | MOMORDICA (Balsam Apple). |
| ALLAMANDA SCHOTTI. | BEAN, WHITE RUNNER. | GOURD. | NASTURTIUM. Tall. |
| AMPELOPSIS VEITCHII. | BRYONOPSIS. | HYACINTH BEAN. Mixed. | PASSIFLORA. |
| ARISTOLOCHIA ELEGANS. | CLEMATIS. | HUMULUS JAPONICUS. | SMILAX (Myrsiphyllum). |
| ARISTOLOCHIA SIPHO (Dutchman's Pipe). | COBÆA SCANDENS. | IPOMÆA. | SWEET PEAS. |
| BALLOON VINE. Per oz. 30 cts. | COCINEA INDICA. | KENNEDYA. | THUNBERGIA. |
| | CONVOLVULUS MAJOR. | LOPHOSPERNUM. | TROPÆOLUM. |
| | CYPRESS VINE. | MAURANDIA. | |
| | CYCLANTHERA. | | |



VIEW OF ONE OF THE LILY PONDS AT OUR RIVERTON NURSERY.

Water Lilies.

Water Lilies can be grown in a very simple yet effective way by the use of oil barrels cut in two. The tubs can be arranged in a row, each one a little higher than the one next to it. The tubs may be connected with short pieces of hose; a small stream of water can be kept constantly running into the highest tub, the overflow of which will run from tub to tub, thereby changing the water in all. They can also be arranged in groups, in rockeries, etc. About the middle of May the tubs should be placed in position and filled to half their depth with a mixture of loam and well-decayed manure, which should be covered with two inches of sand after the roots are planted to prevent the manure from rising to the top.

If placed in groups the centre tub can be filled with *Nelumbium Speciosum*, and the surrounding ones with *Nymphaeas* and other aquatic plants. The space between the tubs can be filled with good compost, and planted with *Tuberous Begonias*, *Sedums*, *Palms*, and other suitable stuff, which will give a beautiful and tropical effect.

NELUMBIMUM.

These wonderful plants, though mostly coming from tropical and semi-tropical regions, have proven to be entirely hardy in this country, enduring any degree of cold short of actual freezing. They may be grown and flowered in a large tub, or in a cement basin sunk in the ground, where the water is 12 or 15 inches deep.

Nelumbium Album Grandiflorum (White Lotus). An exceedingly beautiful variety producing large bold flowers of a pure white color. \$4.00 each.

N. Nuciferum Album Striatum. The flowers of this are white, the edge of each petal irregularly marked and splashed with crimson. \$2.50 each.

N. Nuciferum Roseum. Flowers of a uniform deep rose pink color, much darker than *Speciosum*. First size, \$3.00 each; second size, \$2.00 each.

N. Speciosum. This is the true Lotus of Egypt, and is one of the loveliest of the Water Lilies. The flowers when just expanding are of a beautiful rosy pink color; when open they are of a creamy white and pink, and are very fragrant—they open in the morning and close in the afternoon. It is a very interesting plant and has been an immense success everywhere. \$3.00 each; 4 for \$10.00.



NELUMBIMUM SPECIOSUM.

The water in Lily ponds should be of a warm and equable temperature. Cold water is fatal to success with the tender sorts.

NYMPHÆA.

(Tender Varieties.)

These can be wintered in a cellar, if kept in water at a temperature of not less than 55 degrees.

Nymphæa Dentata. A white flowering species, with petals expanding horizontally, making them star-shaped. They have an agreeable perfume, but not as strong as our native Lily; the leaves are dark green, with serrated edges. First size, \$2.50 each; second size, \$1.50 each.

N. Devoniensis. This is the choicest Water Lily in cultivation. Under liberal treatment it produces flowers 10 to 12 inches in diameter, and leaves 2 feet across, the plant having a spread of 20 feet. If confined in pans, tubs, or boxes, the flowers are smaller, but otherwise just as fine; the color is a brilliant red, glowing by lamplight with indescribable brightness. First size, \$2.50 each; second size, \$1.50 each.

N. Cœrulea (Scutifolia). This species is a native of Egypt. It has bright green leaves and lavender-blue flowers, about 4 inches in diameter; they are very fragrant, the perfume being entirely distinct from *N. Odorata*. It is very easily cultivated in a tub or tank, or it may be planted in a pond where the water is still and warm and the mud is rich. \$3.00 each.

N. Rubra. This species is a native of India, with flowers of a brilliant rosy red, stamens scarlet. The flowers are somewhat smaller than *N. Devoniensis*, measure from 6 to 8 inches, and are a trifle more cup-shaped. The leaves are of a rich brown, and when they fade turn to a gold and crimson color, like autumn leaves. First size, \$2.50 each; second size, \$1.50 each.

N. Zanzibariensis Azurea. The deepest colored and finest of all the blue Water Lilies; under good cultivation producing flowers 12 inches in diameter. First size, \$5.00 each; second size, \$3.50 each.



NYMPHÆA ODORATA.

NYMPHÆA.

(Hardy Varieties.)

By speaking of Water Lilies as hardy, we do not mean that they will stand actual freezing, but that they will endure the winter when placed in water beyond the reach of frost.

N. Alba Candidissima. This is a large-flowered variety of the Water Lily of England; when naturalized in still water, with a very rich soil, it produces leaves 13 inches wide and flowers 6 inches in diameter, with very broad petals of a pure white color. \$3.00 each.

N. Alba. The native Water Lily of England, possessing the same qualities as *Candidissima*, but with smaller flowers. \$1.00 each.

N. Flava. This is a true Water Lily, with yellow flowers and a delicate perfume. Its leaves are beautifully variegated with brown. It is a very desirable variety either for pond, tub, or aquarium. \$1.00 each.

N. Odorata. Our native Water Lily, flowers pure white and very fragrant; when grown in rich mud it will produce flowers 6 inches and leaves 13 inches across. 30 cts. each; \$3.00 per dozen.

NYMPHÆA—Continued.

N. Odorata Minor. A small-flowered variety of our native Water Lily, producing flowers of only 1½ to 2 inches in diameter. 40 cts. each; \$3.00 per dozen.

N. Odorata Minor (Variety.) This is a pretty variety of the small-flowered form of *Odorata*, with a distinct lining of bright rosy pink on the outer petals. 50 cts. each; \$5.00 per dozen.

N. Odorata Rosea (Cape Cod Water Lily). This is the famous pink Water Lily of Cape Cod, and is a grand acquisition to our list of hardy Lilies. It possesses all the desirable qualities of the white-flowered species, hardiness, freedom of bloom and delicious fragrance, with the added charm of a deep pink color. \$3.50 each; 2 for \$6.00.

N. Marliacea Chromatella. A new variety with fragrant flowers as large as *N. Odorata*, having broad petals of a beautiful yellow color. The habit of the plant is like *N. Candidissima*, a robust grower, flowering freely the entire season. Perfectly hardy and of easy culture. Ready April 15th. \$3.50 each.



PONTEDERIA.

❖ **AQUATICS** ❖**CYPERUS ALTERNIFOLIUS.**

An excellent plant for growing in water or damp places; will thrive in any good soil, and always presents a green and attractive appearance. 25 cts. each.

JUNCUS ZEBRINUS.

This is a true rush, growing from 1½ to 3 feet high, producing leaves variegated in the same manner as a porcupine quill, with alternate bands of green and pure white. It may be grown either as an aquatic or as a garden or window plant. 30 cts. each.

LIMNOCHARIS HUMBOLDTI.

A pretty little aquatic, with oval leaves, and yellow, poppy-like flowers, standing out of the water. It should be grown in partial shade. It is a good plant for growing in shallow water or an aquarium. 50 cts. each.

LIMNANTHEMUM NYMPHÆOIDES.

The flowers of this are similar to the above, but the leaf is larger, resembling a small Water Lily leaf, and is very pretty. It may be grown the same as the *Limnocharis* and is perfectly hardy. 30 cts. each.

PONTEDERIA CRASSIPES MAJOR.

A very showy aquatic, bearing very freely flowers of a delicate lilac rose in trusses like a *Hyacinth*. The individual blooms are 2 inches in diameter. It should be grown in about 3 inches of water, so that the ends of the roots can enter the soil. \$1.00 each.

PONTEDERIA AZUREA (Eichornia Azurea).

This new species of "Water Hyacinth" produces large spikes of flowers similar to those of *Pontederia Crassipes Major*, but of a lovely shade of lavender blue, with a rich purple centre, petals delicately fringed. It should be grown in a tub or in shallow water and wintered in a warm greenhouse. Ready May 1st. 75 cts. each.

PAPYRUS ANTIQUORUM.

This is the true Egyptian paper plant. It grows finely in shallow water, with rich soil or mud, and makes a splendid companion to flowering aquatics. \$1.00 each.

PISTIA STRATIOTES.

A very curious plant, which floats upon the water. Its long fibrous roots extend downwards, but have no connection with the soil. It forms a rosette of light green velvety leaves, about 6 inches across; likes plenty of heat, and should be shaded from the direct rays of the sun.

25 cts. each; \$2.00 per doz.

SAGITTARIA JAPONICA FL. PL.

(Double-Flowered Arrowhead.)

Resembling the native Arrowhead, but producing tall spikes of pure white flowers as double as the finest Carnation. For shallow water; hardy. 75 cts. each.

**IRIS.**

Fleur-de-lis.

These are among the most useful plants for planting in marshy ground or on the borders of lily ponds. The lovely forms and distinct colors especially of the Kämpferi type are bringing them again into the notice of flower-loving people. A full list of varieties will be found under the heading of Hardy Perennials.

General Collection of Plants.



GOLDEN FLEECE.

ABUTILONS.

This class of plants during the past few years has been wonderfully improved. The collection we offer embraces the finest of recent introduction, together with the cream of the old and well-tried sorts.

Eclipse. A splendid variegated variety, especially suited for baskets and vases; foliage marbled green and yellow, flowers of fair size, sepals scarlet, petals orange buff. 25 cts.

Golden Fleece. A bright golden yellow Abutilon, of strong, vigorous habit and very free-flowering. While yellow sorts heretofore offered lacked richness of color, the variety now offered combines large size, fine form, and depth of coloring. Plants are symmetrical in growth and form perfect pyramids, which are covered with bloom during the season.

25 cts. each; \$2.50 per doz.

Aureum Maculatum. Green and yellow mottled foliage, flowers yellow, veined with crimson.

Boule de Neige. Fine, pure white; free-blooming.

ABUTILONS—Continued.

Brilliant. Bright red, free dwarf habit.

Couronne D'or. Beautiful, deep sulphur yellow.

Emperor. Claret crimson, large and fine.

Firefly. Rich salmon scarlet; fine.

King of Roses. Large rosy crimson.

Royal Scarlet. Brilliant scarlet, very dwarf and free.

Scarlet Gem. Brilliant red, dwarf habit, small foliage.

Thompsoni Plena. A new variety, with perfectly

double flowers, that resemble in form a double Holly-

hock; color rich deep orange, streaked with crimson.

Vexillarium Aureum Pictum. Flowers scarlet, petals golden yellow; free bloomer, drooping habit, foliage marbled golden yellow and green; fine for vases.

15 cts. each; set of 13 varieties for \$1.50.

ACHYRANTHUS.

Indispensable for bedding purposes, either in masses or ribboning, their brilliant tinted leaves forming a marked contrast with all other plants.

Acuminata. Large purple foliage.

Emersoni. Deep red, shading to pink. One of the very best sorts for contrasting with Coleus or Centaurea.

Formosum. Rich bright yellow, with light green edge and crimson midrib; the stems are of a peculiar shade of crimson.

Gilsoni. Deep purple heart-shaped leaves.

Lindeni. Dark purple elliptic foliage.

10 cts. each; \$1.00 per doz.; \$8.00 per 100.

ACALYPHA TRICOLOR.

A beautiful variegated foliage bedding plant, much richer in color than the finest Coleus; it can be used in the same way, and is certain to become popular for ornamental bedding.

15 cts. each; \$1.50 per doz.

AGAPANTHUS.

Summer-blooming plants; excellent for growing in tubs or planting in rockeries among aquatics.

Umbellatus (*Blue Lily of the Nile*). Blooms in large umbels; flowers a lovely shade of light blue. 50 cts.

Umbellatus Albus. Flowers pure white. \$1.00 each.

AGERATUM.

Old garden favorites of easy culture, blooming continuously throughout the summer months.

Blanche. Pure white, very desirable.

Cope's Pet. A decided improvement on the well-known and popular John Douglass. It is of a brighter and more cheerful blue, and rather more even in growth, never exceeding 6 inches in height.

John Douglass. Large azure-blue flowers, dwarf compact habit.

15 cts. each; \$1.50 per doz.; \$8.00 per 100.



ACHIMENES.

ACHIMENES.

Tropical plants for summer blooming; the scaly tubers must be preserved entirely dry during winter. In early spring pot in peat, sand, and a little light soil. They delight in heat, moisture and shade while growing, but in a cooler temperature when in bloom. Do not water the foliage. Excellent for baskets. 6 choice varieties named. 20 cts. each; \$2.00 per doz.

ALLAMANDA WARDLEYANA.

A very showy greenhouse climber, bearing large and beautiful golden yellow flowers six inches in diameter. It blooms in clusters and is superior in coloring and size to any of the Allamandas. Will thrive in warm houses, though greenhouse treatment enhances its beauty. 50 cts. each.

ALLAMANDA HENDERSONI.

A useful climber, for training over trellises or posts in the warm conservatory, producing in clusters tubular-shaped flowers two and one-half inches across, of a bright golden yellow color. 50 cts. each.

ALTERNANTHERAS.

Beautiful dwarf plants of compact habit, growing about 6 inches high, and admirably adapted for edgings to flower beds or ribbon lines, their beautifully variegated foliage of crimson, purple, yellow, pink and green forming rich masses of color, always attractive and highly ornamental.

Aurea Nana. Bright golden yellow, holding its color well the entire season.

Amabilis Tricolor. Orange, crimson and dark green.

Amæna Spectabilis. Crimson, pink and brown; the finest and brightest.

Paronychoides Aurea. Bright yellow foliage.

Versicolor. Foliage ovate, olive, crimson and chocolate; when used for edgings they must be frequently sheared; the young tips will then assume the most brilliant hues.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

ALOCASIA MACROHIZA VARIEGATA.

Foliage nearly as large as Caladium Esculentum, broadly splashed with white. Its easy growth, combined with rich variegation, makes this one of the most valuable exhibition plants. 50 cts. to \$1.50 each.

ANANASSA SATIVA VARIEGATA.

The variegated form of the ordinary Pineapple, and is one of the most beautiful plants; leaves striped, white, green and creamy yellow with a red tinge on the edges. \$2.50 to \$6.00 each.

**AMARYLLIS.**

Beautiful flowering bulbs, which should find a place in every garden. They force readily, and by proper care can be had in bloom during the whole year.

Aulica (*Lily of the Palace*). Dark crimson, large and fine. \$1.50 each.

Belladonna Major. Bright rose pink. 20 cts. each.

Formosissima (*Jacobæan Lily*). Crimson, blooming early in the summer. The flowers have a most graceful appearance. 20 cts.; \$2.00 per doz.

Hybrids of Vittata. White ground, striped with red. \$1.00 each.

Hybrids of Vittata. Red ground, striped with white. \$1.00 each.

Johnsoni. Very large flower of a rich crimson scarlet color, striped with white. 75 cts.; \$7.50 per doz.

Longiflora Alba. Large fragrant white flowers, perfectly hardy. 40 cts. each.

Longiflora Rosea. Large rose-colored flowers, hardy. 40 cts. each.

Nerine Sarniensis (*Guernsey Lily*). Deep rosy red. 25 cts. each.

Prince of Orange. Bright orange, large and fine. \$1.50 each.

Regina. Large orange scarlet flowers, with yellow throat. 75 cts. each; \$7.50 per doz.

Treatie Alba. Pure white, blooms the entire summer, useful as a bedding plant. 10 cts. each; \$1.00 per dozen.

Treatie Rosea. Bright rose. 10 cts. each; \$1.00 per dozen.

Set of 13 varieties, one of each, for \$7.00.

ANTHERICUM.

Picturatum. A most distinct and handsome variety, differing from the well-known Anthericum Vittatum Variegatum in having a bright yellow band running through the centre of the leaf, edged with bright pea-green; as a plant for the embellishing of window-boxes, baskets or vases, it is invaluable. 50 cts. each.

Anthericum Vittatum Variegatum. Desirable for centres of baskets, vases, etc. Long, narrow foliage, striped white. 25 cts. each.

ANTHURIUM.

Andreanum. A beautiful plant with large, brilliant scarlet flowers of a leathery texture; they remain in perfection for weeks. \$2.00 each.

Crystallinum. Foliage bright rich velvety green, principal veins elegantly banded with crystal white; when young the leaves are of a violet rose color; a useful exhibition plant. \$1.00.

ANTHEMIS CORONARIA FL. PL.

One of the most useful plants for bedding or pot culture lately introduced. It bears its golden yellow double flowers profusely during the season, and can be recommended as a first-class edging plant.

25 cts. each; \$2.50 per dozen.

**AMORPHOPHALLUS RIVIERI.**

A remarkably distinct and pretty Aroid of easy culture, especially adapted for sub-tropical bedding or for the mixed border, producing a solitary Palm-like leaf on a tall stout stem which is curiously spotted and speckled with rose and olive green. The flower is similar in shape to the Calla Lily, the outside being of a similar color to the leaf stem; the inside is deep blood-red veined with black.

First size, strong tubers, 75 cts. each; \$7.50 per doz.
 Second " " " 50 " " 5.00 " "
 Third " " " 25 " " 2.50 " "



ARISTOLOCHIA ELEGANS.

**ASPARAGUS PLUMOSUS NANUS.**

The stems of this extremely elegant plant are tufted, slender and gracefully arching. From the upper portions the branches, which are finer than the fronds of the most delicate Fern, spread in all directions. The whole plant is of a bright cheerful green. It is one of the most distinct and effective decorative plants for the stove or warm conservatory. \$1.00 and \$1.50 each.

ASPARAGUS TENUISSIMUS.

A beautiful species of climbing habit. Remarkable for the extreme delicacy of its foliage; the leaves are longer and of a lighter tint than those of *A. Plumosus Nanus*. As a decorative plant for contrast with the foliage of other plants it is one of the most effective. The sprays retain their beauty a long time when cut.

25 to 50 cts. each; \$2.50 per dozen.

ARISTOLOCHIA ELEGANS.

One of the best summer climbers; of rapid and dense growth. It bears profusely, even on small plants, its handsome and elegant flowers of a rich dark purple color, ornamented throughout with irregular branched markings of a creamy white, and having a golden yellow eye surrounded by rich velvety purple. 25 to 50 cts. each.

ARISTOLOCHIA CYMBIFERA.

Another showy climbing Aristolochia, bearing flowers of a peculiar and distinct boat-shape. In color a lovely mixture of purple and brown. 50 cts. each.



AZALEA INDICA.

AZALEA INDICA.
(Chinese Azalea.)

Beautiful plants for window or conservatory decorations. The ease with which they can be grown and their diversity of color will always keep them in public favor. They force readily, are perfectly hardy south of Washington, and if protected by cold frames can be safely kept over winter even in the North. The collection we offer comprises the cream of the best continental establishments.

We can supply plants at 25 cts., 50 cts., 75 cts., \$1.00 and \$1.50 each; \$2.00, \$5.00, \$9.00 and \$15.00 per dozen.

BEGONIAS.

GENERAL COLLECTION OF THE BEST OLD
AND NEW VARIETIES.

GLORIE DE SCEAUX.

Alba Picta. A pretty species from Brazil, distinct in character. It is shrubby in habit and of compact growth. The leaves are glossy green, freely spotted with bright silvery white. Will make a really useful and pretty plant for decorative purposes. 25 cts. each.

Compta. A pretty ornamental species from Brazil. Its leaves have palish pink footstalks, which are five to six inches long, remarkable for the unequal development. The color is satiny green with a silvery tinge along the course of the mid-rib. 25 cents.

Diadema. A new upright-growing species with deeply cut foliage of a rich green, spotted with silvery white; a most distinct and pretty variety. 25 cents.

Glorie de Sceaux. One of the finest flowering Begonias introduced for many years; it is of upright habit, producing during the entire winter large, open, flat flowers of a soft silky pink, contrasting well with the rich bronzy green foliage. 50 cents.

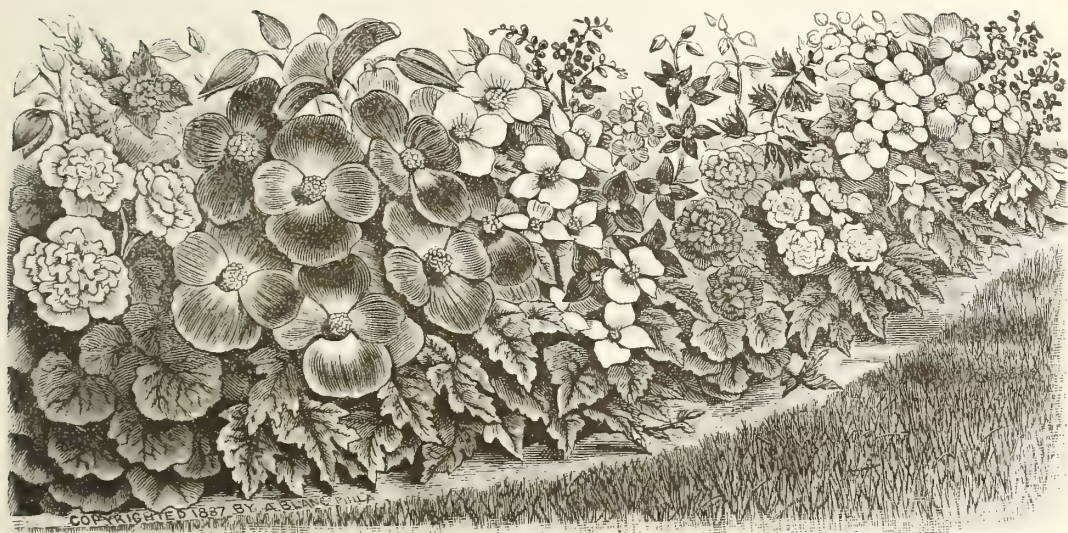
Metallica. A fine erect-growing variety with dark, rough leaves; the surface is a lustrous bronze green, veins depressed and dark red. 15 cents.

Rubra. Dark green leaves, flowers scarlet rose, glossy and wax-like. 15 cts.

Saundersoni. Scarlet flowers, dwarf habit; in bloom continually. 15 cts.

Semperflorens Gigantea. The flowers of this new sort are brilliant carmine red, and are borne in large panicles. It is one of the best of the new Begonias, and possesses vigorous habit. The flowers are unusually large and brilliant, and stand well above the foliage. 25 cents.

Weltoniensis Alba. Very free pure white. 15 cts. Set of 9 varieties. \$2.00.



TUBEROUS-ROOTED BEGONIAS.

The Tuberous-Rooted Begonias are among the handsomest of our summer-flowering bulbs. They are not grown to the extent they should be, as they require no more care than Geraniums, have as fine a range of color, and will bloom continuously throughout the summer, even when Geraniums droop through lack of moisture and fail to unfold their flowers. Planted either in the rockery or flower border, they rival the Geraniums with their rich and varied colors, ranging from the most delicate shade of yellow and salmon to the most striking crimson and scarlet. We have made a specialty of these charming plants for several years, have tried them thoroughly, and have no hesitation in saying they are destined to play a very important part in the bedding of the near future. With us they have bloomed profusely when planted out on rock-work or in the open ground, and have been a decided attraction.

Bright Scarlet, Orange Scarlet, Crimson Scarlet, Pink, White, Yellow, 30 cts. each; \$3.00 per dozen.

Mixed Single, 25 cts. each; \$2.50 per dozen. Mixed Double, 50 cts. each; \$5.00 per dozen.



BEGONIA REX.

We offer ten of the most distinct and handsomely marked varieties of this beautiful class of Begonias. These are grown for their variegated foliage, and are very desirable for house and garden decorations, in shady positions, and especially well adapted for baskets, vases, etc.

25 cts. each; \$2.50 per doz.

BOUVARDIAS.

Shrubby plants, with corymbs of white, rose, crimson and scarlet flowers, blooming during the autumn and winter. Their dazzling richness of color makes them one of the most useful of our winter-blooming plants.

Alfred Neuner. The flowers are composed of three perfect rows of petals of the purest waxy-white color, each floret resembling a miniature tuberos.

Davidsoni. The best of the single white varieties; sometimes delicately tinged with pink.

Humboldt Corymbiflora. Long, tube-shaped, pure white flowers; very fragrant.

Ivory White. An improvement on all the white Bouvardias. The flowers are of a waxy consistency, pure ivory white in color, of large size, and borne abundantly in large trusses. Habit vigorous.

President Cleveland. A grand single-flowered variety of the same habit as Elegans, with intense dazzling scarlet flowers; the brightest Bouvardia that has yet come to our notice.

Rosea Multiflora. Beautiful shade of salmon rose, very free-blooming.

15 cts. each; \$1.50 per doz.; set of 6, 75 cts.

CALLA ETHIOPICA.

(Lily of the Nile.)

An old, favorite plant, which should be found in every collection; it grows freely and requires an abundance of water, and produces large pure white blossoms during the winter and spring; the resting period during June and July can be given by turning the pots on their sides.

25 to 50 cts. each; \$2.50 to \$5.00 per dozen.

CAMELLIA JAPONICA.

The varieties we offer of this desirable plant are the best of their respective color, and consist of white, pink, mottled, rose, etc. We can supply many distinct sorts, well set with buds.

| | | | |
|--------|-------|-----------------|--------------|
| First | size, | 24 inches high, | \$2.00 each. |
| Second | " | 20 " | 1.50 " |
| Third | " | 15 " | 1.00 " |

CANNAS.

Excellent plants for garden decoration. Where sub-tropical effects are desired they are indispensable. The varieties offered are the cream of existing sorts, and bear flowers of similar size and form as Gladiolus.

Brenningsi. Broad green foliage, ornamented with broad bands of yellow; constant variegation.

Cardinalis. Flowers pure cardinal crimson, large and finely shaped; foliage bluish green; 3 to 4 feet.

Ehemanni. The most distinct of all Cannas on account of its large oval soft green leaves and carmine-red flowers, which are produced on long flower stems; each of the smaller branches bears about 12 flowers. The flowers are as large as a Gladiolus, and are used to advantage in bouquet-making. This is one of the most striking and desirable Cannas ever introduced, and cannot be too highly recommended.

Nouttoni. Is quite distinct from Ehemanni in coloring, being a rich shade of crimson scarlet. The flowers are very large, growing erect instead of drooping. The foliage is of a beautiful bluish green, growing very compact and remarkably free-flowering, forming nearly solid masses of rich warm coloring. The plant does not exceed 6 feet in height.

Premices de Nice. Long green leaves; golden yellow flowers.

Robusta Perfecta. A most distinct and handsome sort, bearing immense leaves 12 to 18 inches wide and 3 feet long, of a bright bronze-red color. The habit of the plant is very robust; in rich soil it will attain a height of 8 feet and at a short distance appear like the Abyssinian Banana. Unlike the other varieties, it flowers but little. This should be largely used, as with it fine effects can be made.

Strelitzæflora. Broad, massive, deep green foliage; brilliant orange-scarlet flowers. 3 to 4 feet.

Souv. de Barrillet Deschamps. Green, shaded maroon; large crimson flowers.

25 cts. each; \$2.50 per dozen; set of 8 varieties, \$1.75.

For Crozy's New Dwarf French varieties see supplement.



CANNA, EMILE LECLAIRE.

Flowers large, bright golden yellow, mottled and spotted crimson and scarlet. It will be found useful as a cut flower, as its peculiar color gives it the appearance of an orchid. One of the best and most distinct varieties. Pea-green foliage. 50 cts. each; \$5.00 per dozen.



FANCY-LEAVED CALADIUMS.

For many years the Fancy Leaved Caladiums have been a special feature of our establishment. We grow several large houses of these beautiful plants alone. Our collection has been carefully revised and contains only first-class, distinct and well-marked varieties, and is acknowledged to be the finest in the country. Their greatest value is for the decoration of conservatories, greenhouses and window boxes, while nothing can surpass them as exhibition plants for fairs during the summer and fall. Most of the varieties, if planted about the first of June in partly shaded warm borders, in well-enriched light soil, succeed admirably as bedding plants, the various colorings and markings of which cannot be obtained in any other class of plants. We list 40 fine sorts, but from our collection of over 75 sorts we are able to supply other varieties equally distinct and fine. Many of the fine varieties do not show their variegation when young, and often appear exactly the same as older sorts.

Annibal. Brilliant crimson veins on a rich green ground, spotted with carmine.

Argyrites. Distinct small leaved variety, never exceeding 6 inches in height, bright pea-green leaves, beautifully spotted and marbled with white.

Arethusa. Light green, gray centre and ribs, rosy crimson spots.

Baron Rothschild. Green, spotted and veined with orange crimson.

Berose. Deep green spotted, red veins and midrib crimson, light green centre.

Bicolor Fulgens. Lively green, with crimson-rayed centre.

Boildieu. Bright crimson centre, deep green margin.

Canerti. Green spotted white, crimson centre.

Candida. Clear white ground, strongly marked ribs and margin.

Chantini. Spotted rose and crimson.

Chantini Splendens. Spotted rose and crimson, brilliant centre.

Clio. Deep rose, shaded white; green ribs.

Diana. Rich green, spotted red centre, crimson rayed.

Duchartre. Green, white veins, shaded rose.

E. G. Henderson. Green, spotted with rose, and rayed, crimson.

Enterpe. Rich crimson veins on a bronzy-green ground suffused with white.

Isadore Leroy. Metallic green, crimson-rayed centre.

Jupiter. Green ground, splashed with white, bright crimson midrib.

Junon. Crimson ground, green margin, and white spots.

L'Albane. Pure white ground, green veins, very large foliage.

La Perle du Bresil. White, delicately tinted with rose, midrib and veins dark green; large and transparent; one of the loveliest in cultivation.

Leplay. Deep green, attractively marked with white, veined with rosy crimson.

Lepeschkenei. Large spots of rich rose-color, bright red centre.

Louis Duplessis. Red rays and veins, on a white ground, green margin.

Louis Poirier. Crimson ground, white spots and green margin; finely marked.

Luddehmanii. Deep crimson ribs, blotched with white, pea-green margin.

FANCY-LEAVED CALADIUMS—Continued.

- Mad. Alfred Bleu.** Deep green, white blotches, broad veins of crimson scarlet.
- Max Kolb.** Gray centre with crimson blotches.
- Marchandi.** Greenish white centre, crimson ribs, green border; distinct.
- Meyerbeer.** White, veins green, midrib red.
- Mons. A. Hardy.** Rich reddish carmine veins, on a white ground, tinted with rose and spotted green; a bold and lovely variety.
- Mons. J. Linden.** Large whitish leaves, with metallic reflections, coral rose veins, and reticulated green border.
- Onslow.** Deep crimson centre with forked rays and crimson spots.
- Reine Victoria.** Dark green, spotted white and crimson.
- Reine Marie du Portugal.** Violet-rose centre, red veins, dark maroon zone, green border.
- Sanchoniatum.** Crimson centre, deep crimson ribs and pea-green margin.
- Sieboldii.** Fiery red centre, spotted with claret red.
- Triomphe de l'Exposition.** Crimson centre, bright red ribs and green border.
- Ville de Mulhouse.** Grayish green leaves, shaded rose and rich green centre.
- Virginale.** Shining white, veined with dark bluish green, a magnificent variety.
- Wightii.** Light green, with crimson and white spots.

30 cts. each, \$3.00 per dozen. Set of 40 varieties, one of each, for \$8.00.



CALADIUM ESCULENTUM.

CALADIUM. (Elephant's Ear.)

One of the most effective plants in cultivation for the flower border or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture. To obtain the best results it should be planted where it will obtain plenty of water, and an abundance of rich compost.

Esculentum. The best sort for garden decoration; foliage light green. When full size it stands 6 feet high, and bears immense leaves 3 to 4 feet long by 2½ feet wide.

Bataviensis. Similar to Esculentum in form, but bearing dark green leaves with black stems.

First size, 25 cts. each; \$2.50 per dozen. Second size, 50 cts. each; \$5.00 per dozen.

Extra selected, \$1.00 each; \$10.00 per dozen.

CARNATIONS—TWELVE BEST VARIETIES.

The following list is a selection of the finest and best varieties for general cultivation, and embraces the best of each color:

Anna Webb. A fine crimson, deeply fringed, of medium size, branching habit; a free, continuous bloomer.

Buttercup. Rich golden yellow, with a few streaks of clear carmine; of vigorous habit and very floriferous. The florets are full and very double, from 2½ to 3 inches in diameter.

Century. Of healthy growth, medium height, and early constant bloomer; of a rich, glowing carmine color, full and double; rich clove fragrance.

Dawn. Neither what is called a straight or solid color, or variegated, but a blending from the centre of the flower outwards, of a soft, delicate pink or rose color to pure white at the edge, delightful fragrance.

E. G. Hill. The finest scarlet yet introduced, of vigorous, healthy growth, and very free.

Grace Wilder. Bright rosy pink, very fragrant.

Hinze's White. Pure white, very free.



WM. SWAYNE.

CARNATIONS—*Continued.*

L. Lamborn. A dwarf, compact grower, bearing on long stems fine, waxy, white flowers; a profuse bloomer and can be grown on low benches.

Mrs. Carnegie. White, delicately pencilled and laced with rosy carmine, finely fringed; a good strong grower.

Pride of Kennett. Color rich crimson, similar to the Jacqueminot rose; it is a strong, vigorous grower and a profuse bloomer.

Sunrise. Light buff, flaked with bright red; flowers large, good shape; fragrant and free; does not burst, and can be cut with long stems.

Wm. Swayne. Strong, vigorous grower, bearing early and continuously, large, full, fragrant flowers of a pure white. Being very firm and of heavy texture, it will prove valuable for shipping long distances.

15 cts. each, \$1.50 per dozen, \$8.00 per 100.

Chrysanthemums.

The Chrysanthemum, next to the Rose, is at present the most fashionable flower. Its remarkable diversity of size, form and coloring, added to its freedom of bloom, at a season when all other flowers have faded, render it a plant eminently worthy of care and attention. Within the past few years marked attention has been paid to the Chrysanthemum, and flowers of enormous size, with beautiful color and form in the Chinese, and diversity of shape and hue in the Japanese section, are the result of the care bestowed. It is invaluable as a border or pot plant; its chief requirements are plenty of water and a rich soil. Sunny, warm situations suit it best and prolong its season of bloom until severe frosts set in. The increase of beauty and size has brought also an increase of tenderness, so that in order to attain the best results the clumps should be lifted in the fall after the frost has cut the flowers and stored in a cold, dry cellar. They can be set close together and covered with an inch or two of sand or soil. Water occasionally to prevent drying up. Early in spring plant in open border, or divide and pot if to be grown for house decoration or exhibition. Our lists contain the best of the old sorts, the introductions of last season and the novelties of 1889. As not a poor sort appears in the lists, our customers can rely on any sort they may select as being desirable in every way.



MRS. ALPHEUS HARDY.

ANEMONE FLOWERED CHRYSANTHEMUMS.

Bessie Pitcher. Deep rose pink with lighter centre.
Thorpe Junior. A most beautiful variety; the color is a rich pure golden yellow; the flowers are of large size, smooth and perfect in shape.

Geo. Sand. Red with golden centre; fine and free.
Souv. de Dorothe Souville. Beautiful light blush.
Timbal d'Argent. Snowy white; one of the most beautiful of all Chrysanthemums.

15 cts. each; set of 5 varieties for 60 cts.

THE NEWEST AND BEST JAPANESE CHRYSANTHEMUMS.

Ab-del Kader. Rich deep crimson maroon.

Angele. Pale satiny rose, suffused with pink, reverse of petals silvery.

Bouquet Fait. A most beautiful variety, with delicate rosy lilac flowers of immense size, shaded silvery rose; early.

Christmas Eve. One of the finest late flowering whites in cultivation, pure snowy white, superior in shape and first-class in every way.

Comte Gerining. Nankeen yellow, striped with brownish crimson.

Duchess. Rich deep red, each petal tipped with golden yellow; the flowers are large and in dense clusters.

Domination. A grand variety, with erect petals; blush with rosy base, slightly fringed.

E. H. Fittler. Flowers of immense size, incurved with large, broad, shell-like petals; color a mixture of gold, tawny yellow and bronze; a grand variety; 50 cts.

Elk's Horn. Pearl color; a full and globular flower; somewhat resembles the horns of the elk; 25 cts.

Eugene Mizzard. A distinct and pleasing variety, with narrow, loosely arranged petals of a deep purplish crimson.

Excellent. Very soft pink, somewhat resembling the color of the Mermet rose; very large, flat flower; 50 cts.

Dr. Stryker. Beautiful rosy lilac, reverse of petals striped straw color when first opening, changing to a clear rose.

Fantasie. Flowers blush white, of good size; each petal is 2 to 3 inches long, has a convex surface and is slightly twisted.

Frank Wilcox. Erect petals, slightly toothed, rich golden amber, slightly shaded deep bronze.

Gold. Flowers of large size and finely formed; the best yellow in cultivation.

Gloriosum. Very fine light yellow, with immense flowers, having narrow petals gracefully curved and twisted; very early.

Golden Dragon. Yellow, with long twisted petals; one of the finest and richest yellows.

H. Waterer. Reflexed yellow, with copper centre; enormous flowers of great substance; very late and lasts a long time; 25 cts.

Jessica. White, very long petals, shows a lemon eye when fully expanded; a great bloomer.

Julius Scharff. Very large, flat and smooth, of the richest violet amaranth; lasts a long time; one of the very finest of its color.

John H. Bradbury. Bronzy orange, striped with crimson.

Kioto. Fine large yellow; a beautiful flower; 50 cts.

L. Canning. A singularly large and handsome pure white flower.

Lilian B. Bird. Flowers of the largest size, with full, high centre; petals tubular; the color is an exquisite shade of shrimp pink; 50 cts.

Lucrece. Pure white, resembling Christmas Eve, but surpassing that in size, form and lateness; 50 cts.

Marvel. Very large, flat flower of regular rosette shape, the ground color pure waxen white, and on this is a large, irregular blotch of wine color; 25 cts.

Miss Mary Wheeler. Pearly white, the petals delicately tinted on outer edge with pale pink; of exquisite form; very beautiful; 50 cts.

Mrs. Humphrey, or Snow-Ball. Pure white, a lovely variety, grand for cut flowers; 25 cts.

Mrs. Alpheus Hardy. This wonderful Chrysanthemum has created a sensation wherever shown, being totally distinct from every other variety. It is pure white, of immense size, broad petaled, and incurved, the surface being downy, like loose-piled plush; the entire flower seems frosted with glittering white. A strong grower, of healthy constitution; 50 cts. each.

Mrs. Andrew Carnegie. Bright deep crimson, reverse of petals a shade lighter; broad, long and flat; incurved on first opening, afterwards assuming the form of a large peony; 50 cts.

Mrs. J. N. Gerard. A grand and beautiful cup-shaped variety, closely incurving with age; of large size, and the brightest and clearest peach pink; the finest pink ever offered; 30 cts.

Mrs. Irving Clarke. Pearly white on the margin, shading to deep rose in the centre, which is beautifully whorled; reflexed; very large and distinct; 50 cts.

Mrs. W. K. Harris. Deepest rich golden yellow, thoroughly incurved; probably the best yellow Chrysanthemum ever raised, in the way of *Grandiflorum*, but far larger and better than that variety. It is certainly the finest yellow variety in cultivation for cut-flowers or exhibition. \$1.00.



LILIAN B. BIRD.

Mrs. Langtry. A perfectly formed flat flower, of unusual size and perfection. Snow white in color, with broad bands or ribbon petals. Altogether one of the very finest white varieties. 25 cts.

Mrs. Isaac C. Price. Rich chrome yellow, gracefully incurved, flowers large and freely borne.

Mrs. A. J. Drexel. Lively, bright pink flowers, deeply incurved; a striking flower.

Mrs. John May. Beautiful shade of clear, bright yellow, petals broad and deeply incurved.

Mrs. A. Blanc. A fine and distinct sort, inner petals erect, outer reflex and pendulous; rich lavender.

Mrs. E. W. Clarke. A beautiful flower of regular form; slightly incurved, whorled centre; deep rich crimson magenta, of a pleasing shade.

Mrs. M. J. Thomas. Pure white, very broad petals, incurved; a fine exhibition sort.

Mrs. Wm. Howell. Rich, coppery crimson; a finely shaped flower.

Lakme. Petals much twisted; golden salmon; reverse of petals old gold.

Mrs. Frank Thomson. The flowers measure 6 inches when fully expanded, and are a bluish white streaked with rose; petals broad and deeply incurved.

Mrs. Geo. W. Childs. Similar in shape to the preceding; outside of petals white, inside pink.

JAPANESE CHRYSANTHEMUMS.

Continued.

- Mrs. Cleveland.** Very fine pure white, petals tubular, very regularly arranged, forming almost a perfectly globular flower.
- Mrs. W. A. Harris.** A most distinct variety, flowers very large, and of a delicate shade of creamy white and pink; petals loosely arranged and wavy.
- Mrs. W. Meucke.** Brightest shade of yellow; petals slender, and of peculiar shape.
- Mrs. Jones.** A magnificent late golden yellow flowering variety; of large size, graceful form, and remarkably free-blooming.
- Mrs. R. P. Masson.** Quite distinct from all others, of a coppery pink color, much incurved and large.
- Mrs. John Thorpe.** Brilliant crimson; very decided in coloring; petals tubular for half their length.
- Mrs. Chas. Wheeler.** Old gold and crimson; one of the most distinct ever introduced. 25 cts.
- M. Leon Brunel.** Bronze and crimson; fine.
- M. Lemoine.** Flowers large; of a rich rose color with orange-yellow centre.
- M. Raoux or Leopard.** Amaranth, dotted with white petals much twisted.
- Mont Blanc.** Extra large, late, white variety; inner petals incurving, on strong, erect foot stalks; one of the most valuable late bloomers. 50 cts.
- Piedro Diaz.** Brilliant red, large flowers; first-class.
- President Arthur.** Immense rose flowers, opening in whorls.
- Porcupine.** A remarkable flower, having tubular needle-like petals, standing erect, of a rich terra-cotta or crushed strawberry shade; not large, but very beautiful.
- Puritan.** One of the very finest white sorts in cultivation, large and free, and of a very good habit; a magnificent flower.
- Robert Bottomly.** A grand white variety, surpassing Moonlight in size and substance.
- Robert Crawford, Jr.** A seedling of Mrs. F. Thomson, white, faintly tinted pink on under petals; a large and pleasing variety.
- Robert Craig.** A grand flower, similar in shape to Mrs. G. W. Childs, but of a fine deep rose color and larger in size.
- Snow Storm.** Very late; pure white, distinct and free.
- Source D'Or.** Golden yellow, tipped and shaded brown; very regular and one of the very best.
- Souvenir de Harlem.** Brilliant violet purple, globular in shape; of medium size and fine color.
- Sunny Side.** One of the very best white varieties, regular in form and slightly incurved. 25 cts.
- Temple of Solomon.** Fine large flowers of deep golden yellow.
- Thos. Cartledge.** A magnificent variety of a distinct orange color, of large size. 25 cts.
- Tokio.** Rich bronzy crimson.
- Tubiflorum.** A remarkable variety, having long straight tubular needle-like petals of pink and white.
- W. W. Coles.** A peculiar shade of terra-cotta, shaded brownish orange; large and distinct.
- Wm. H. Lincoln.** A magnificent golden yellow variety, straight, flat, spreading petals. An extra large flower, completely double, and of great substance. 50 cts.
- Wm. Singlerly.** Rich plum-purple flower. A very excellent sort.
15 cents each, \$1.50 per dozen, \$10.00 per 100, except where noted. The entire collection of 75 sorts for \$12.00.

LARGE FLOWERED CHINESE.

- Alfonso.** Crimson, pointed with yellow.
- Alfred Salter.** Large delicate pink.
- Alfred Warne.** Pure white, finely incurved, dwarf and compact habit.
- Baron Beust.** Bronzy orange; incurved.
- Boule de Neige.** Fine large pure white. 30 cents.
- Cullingfordi.** The brightest shade of crimson, a large and fine flower.
- Diana.** One of the very best whites in cultivation.
- Duchess of Connaught.** Silvery rose; extra fine.
- Elaine.** White, petals tinted carmine.
- John Collins.** Very large flower; bronzy purple.



M. RAOUX OR "LEOPARD."

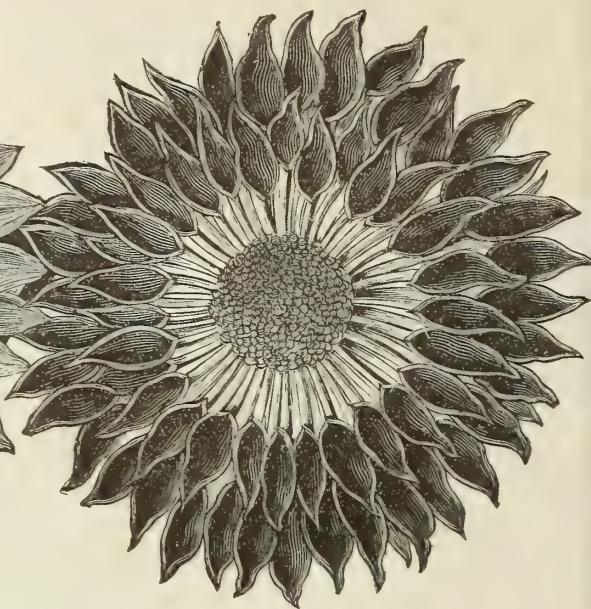
- Jean D'Arc.** White, tipped rosy lilac, finely incurved; a superb flower.
- New Meteor.** Very bright golden yellow.
- Mrs. R. Elliott.** A fine pure yellow flower; petals long, narrow and slightly drooping.
- Phœbus.** Pure chrome yellow, reflexed petals of symmetrical form and large size. 30 cts.
- Pink Perfection.** Very large bright pink.
- Princess of Wales.** Very fine incurved crimson.
- Yellow Stone.** Fine yellow.
15 cts. each; \$1.50 per dozen; set of 17 varieties, \$2.00.

POMPONE CHRYSANTHEMUMS.

- Black Douglas.** Large brilliant and crimson; good shape.
- Bob.** Fine crimson. **Cardia.** Fine yellow.
- Compactum.** Delicate blush.
- Golden Pheasant.** Rich golden yellow; fine form.
- Julia Lagravere.** Deep velvety crimson.
- M. Schmidt.** Yellow tipped with crimson.
- La Fiancee.** Pure white, fringed; fine for cut flowers.
- Mad. de Paleville.** Clear rose.
- Orange Beauty.** Beautiful orange yellow.
- Princess Louise.** Clear rose.
- Princess Meletia.** White fringed; fine.
- St. Michael.** Very bright golden yellow; fine.
15 cts. each; \$1.50 per dozen; set of 13, \$1.50.



IONE.



ROSALIND.

SINGLE CHRYSANTHEMUMS.

SINGLE CHRYSANTHEMUMS.

The single varieties are very showy and excellent for cutting during the early fall and winter. They are more attractive than Paris Daisies, and last longer when cut. The varieties we offer include only the best that have been offered and several new sorts not heretofore sent out. The flowers are very distinct in shape and color, and need only to be seen to be appreciated.

Aspasia. Bronze, shaded crimson, reverse old gold.

Ariadne. Brilliant red, large golden centre, broad reflexed petals.

Corinne. Creamy white, petals tubular almost their entire length, flattening out on the tips.

Edith. Blush, large yellow centre, fine shape.

Endymion. Sulphur yellow, broad, flat petals.

Evangeline. A very large pure white flower with incurved petals, of globular shape when first opening, expanding flat when full blown.

Ione. Large flowers of an entirely new shade of violet carmine, broad petals, very regular in form and one of the most distinct.

Hermione. A distinct variety with tubular petals and fringed edges, pure white streaked with silvery rose.

Isis. Pure yellow striped crimson.

Juliet. Silvery rose; large, distinct and pretty.

Nydia. Pure white, yellow disc, large, heavy petals; a desirable sort for cutting.

Psyche. Bright magenta, centre yellow, petals slightly fringed.

Rosalind. A distinct and pleasing variety, bearing large tubular flowers of a peculiar bronzy salmon shade, end of petals flattened and edged bright red. 50 cts.

Sappho. Beautiful rosy magenta flowers over 6 inches in diameter; a bright and showy sort.

Virginia. Long, narrow tubular petals, pure white, of large size and pretty form.

Zenobia. Crimson shaded orange and salmon. 10 cts. each; set of 16 varieties for \$1.50.

CISSUS DISCOLOR.

A beautiful climber for hanging-baskets, with mottled and marbled crimson and green foliage. 30 cts. each.

CLERODENDRON BALFOURI.

A hot-house climber, bright scarlet and white flowers, curious shape; admirable house plants. 25 cts. each.

COBEA SCANDENS.

A beautiful climber of rapid growth, bearing large purple bell-shaped flowers. For covering arbors, trellises, etc., it is indispensable, as its dark green foliage and pretty flowers make it very attractive.

15 to 25 cts. each; \$1.50 to \$2.50 per doz.

COLEUS.

Whether grown as individual plants or for massing in ribbon gardening, they are in every way very desirable. The list embraces the best old sorts and novelties, and has been carefully selected from a large collection.

Bizarre. Purplish crimson centre, edged yellow.

Chas. D. Jacobs. Mottled crimson, maroon, green and yellow; a distinct and pretty variety.

Exquisite. Violet carmine, green margin.

Firebrand. A fine bedder, dark crimson, shaded garnet.

Golden Bedder. Fine yellow foliage; good bedder.

Kirkpatrick. Large white centre, broad green margin.

Maroon Velvet. Rich velvety maroon.

Mrs. Bement. Large cream-colored leaves, with narrow edge of green.

Queen Victoria. Crimson, the brightest golden edge.

Rainbow. Bright blood-red crimson, yellow margin.

Red Cloud. Crimson and blackish brown.

Shylock. Large dark maroon leaves, with rich crimson midrib and veins; very distinct.

Verschaffelti. Rich velvet crimson; a well-known variety.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

CYCLAMEN PERSICUM GIGANTEUM.

A charming greenhouse bulb, which succeeds admirably in the house. 30 to 50 cts. each.

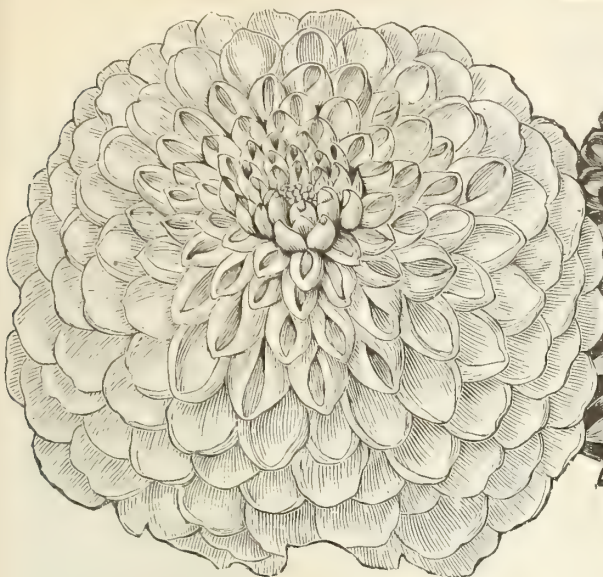
CYANOPHYLLUM MAGNIFICUM.

A noble stove-plant, with beautiful foliage, upper surface rich velvety green, midrib and primary veins ivory white, under side reddish purple. \$1.00 each.

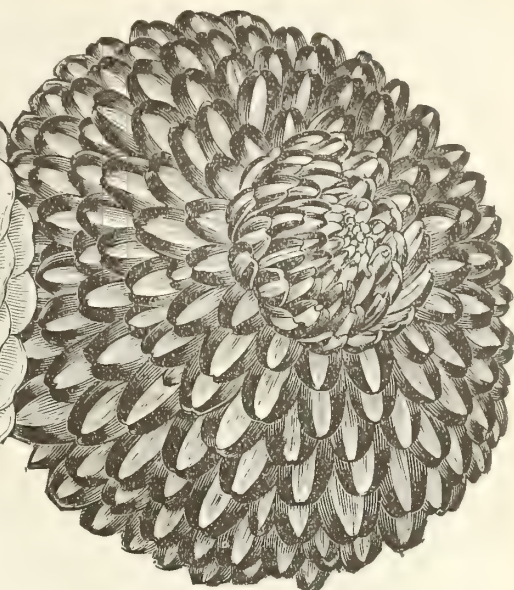
CROTONS.

Of this beautiful class of ornamental foliage plants we offer twelve of the finest varieties that have been found useful in sub-tropical bedding.

30 to 50 cts. each; \$3.00 to \$5.00 per dozen.



MRS. HAWKINS.



FORMOSISSIMA PICTA.

Cactus Dahlias.

A very showy and effective section of this desirable garden flower. The blooms are of peculiar shade, resembling in some varieties the Cactus "Cereus Speciosissimus." Hence the name, "Cactus Dahlia." They grow from 3 to 4 feet high, are very branching, and bear profusely their very striking flowers, which are quite unlike those of an ordinary double Dahlia, the florets being flat and not cupped.

Cochineal. Brilliant crimson, toned maroon.

Constance, or Ariel. Pure white, of elegant shape, and one of the freest blooming.

Empress of India. An intense deep crimson, shaded maroon and magenta; the flowers are of medium size and borne in profusion.

Fire King (Glare of the Garden). Fiery crimson scarlet, flowers of medium size and produced in profusion, giving the plant a rich and dazzling appearance.

Formosissima Picta. Orange color with bright scarlet stripes; a distinct and taking flower.

Guinea. Amber tinted rose; a very pretty flower.

Juarez. A grand and distinct variety, valuable for all purposes through late summer and autumn. Large flowers of rich crimson-scarlet color.

Lyndhurst. Rich deep scarlet shaded maroon, excellent for cutting and a fitting companion for Constance.

Mrs. Hawkins. Of close, neat habit, rich sulphur yellow, shading lighter towards the tips and slightly tinted red; a lovely flower.

Mrs. Tait. A peculiar and pretty Dahlia, somewhat resembling Juarez, and is a fine improvement on Constance or Ariel in its whiteness and serrated form and appearance, and must become a general favorite for cut flowers. It does not require rich soil and preparation, but will grow almost anywhere.

25 cts. each; \$2.50 per dozen; set of 10 varieties \$2.00.

DAHLIAS.

DOUBLE FANCY, LARGE FLOWERING.

For exhibition purposes the varieties entered in this list are admirably adapted. They should be liberally supplied with water and manure, and kept in a growing condition.

Amazement. Yellow, striped with crimson.

Amazon. Primrose, full centre.

Autumn Glow. Orange salmon, buff edge.

Bob Ridley. Large, bright scarlet.

Comte de Boises. Fawn, shading to orange.

Crimson King. Rich glowing crimson.

Defiance. Pale yellow, tipped white.

DOUBLE FANCY DAHLIAS—Continued.

Earl of Radnor. Dark crimson.

Fascination. Deep rosy lilac.

Flora. Deep purple, shaded lilac.

George Rawlings. Very dark maroon, neatly cupped and symmetrical.

Gloire de Guiscard. White, shaded buff, distinct.

Golden Fleece. Fine, bright golden yellow.

Hector. Large orange scarlet.

John Standish. Rich crimson.

John Kirby. Buff.

Marie Bersand. Orange scarlet.

Mrs. Bond. Crimson, shaded scarlet.

Mrs. Dodds. Fine, clear yellow.

Mrs. Wm. Piggott. Fine, pure white.

Ovid. Bright purple, fine form.

Penelope. Blush, striped purple.

Queen's Messenger. Deep purple.

Rival. Dark purple.

Wacht am Rhein. Maroon.

Ground roots 25 cts. each, \$2.50 per dozen; set of 25 varieties \$5.00. Young plants 15 cts. each, \$1.50 per dozen; set of 25 varieties \$3.00.

SINGLE DAHLIAS.

A class of Dahlias which is rapidly growing into favor on account of its freedom of bloom and various and attractive coloring. The varieties we offer have been carefully selected from a large collection. The fancy sorts frequently come self-colored early in the season, but show their true colors later on.

Beacon. Rich fiery crimson; neat habit.

Bridal Wreath. Creamy white, changing to pure white.

Canary. Canary yellow, good shape and free.

Cetewayo. Rich blackish maroon, medium size, regular form.

Christine. Lovely silvery pink, well-rounded petals.

Empress. Pure white, embellished with a yellow ray round the centre.

Juno. Rosy lake; bordered silvery rose.

Le Baron. Rich mulberry; shaded crimson.

Miss Linaker. Bright cherry red; good form.

Mrs. Gilbert. Pale yellow, tipped white; a delicate shade.

Silver King. Orange, flushed silvery white, edge yellow.

Zephyr. Crimson and bronze, with yellow stripe at edge of petals.

15 cts. each; set of 12 for \$1.50.



GUIDING STAR.

DAHLIAS.

(Pompone, Liliputian or Bouquet.)

The term "Liliputian" applies to the flowers, not the plants. They are possessed of a neat bushy habit, and produce in profusion small flowers of varied and attractive colors. They are very desirable for cutting and for decorative purposes.

Alba Nana. Pure white, of perfect form.

Butterfly. Orange, tipped with scarlet.

Colibri. Rich bright scarlet; handsome.

Deutscher Goldmeteor. Golden yellow, broad crimson margin.

Deutscher Turnergruss. Crimson scarlet, edged with white.

Deutsche Maedchenliebe. Lilac.

Dr. Webb. Rich scarlet; medium size.

Darkness. Very dark, rich maroon.

Eli Millard. White, shaded pink, edges fimbriated and of perfect form.

E. F. Jungker. Amber shaded lemon, of compact form.

Favorite. Deep velvety maroon, crimson edge.

Gem of the Liliputs. Dark scarlet.

Hindoo. Bright orange red.

Ida Fisher. Pure white, full centre.

Isabel. Beautiful well-formed flowers of a dazzling orange scarlet.

Jessie McMillan. Yellow, suffused bright orange.

J. C. A. Stanza. Orange yellow.

Kline Domitea. Buff yellow, marked with red.

Kleiner Preusse. White, edged with maroon.

Kleiner Rufus. Maroon.

Little Arthur. Maroon, tipped scarlet.

Little Najade. Rose, edged crimson.

Lurline. Canary yellow.

Pearl D'or. Lake red, tipped with yellow; extra.

Panorama. Apricot yellow, pointed with carmine.

Pursuit. Very deep maroon; fine shape.

Solfaterre. Rich yellow.

Theo. Heymann. Very dark red.

Tijo Wylle. Cochineal red, close petals.

Unermuedliche. Lively rose, spotted purple.

Venus. Crimson, shaded with purple.

William Buchner. Lilac, tipped yellow.

Ground roots, 25 cts. each; \$2.50 per doz.; set of 32 varieties, \$7.00.

Young plants, 15 cts. each; \$1.50 per doz.; set of 32 varieties, \$3.50.

WHITE BOUQUET DAHLIA.

(Guiding Star.)

A grand variety, producing its pure white flowers, which are of exquisite shape, in the greatest profusion. The habit of the plant is all that could be desired, being dwarf and symmetrical. Invaluable as a cut flower, and cannot be too highly recommended. 30 cts.; 4 for \$1.00.

DWARF WHITE DAHLIA.

(Camelliae-Flora.)

One of the finest white Dahlias in cultivation; flowers of medium size and beautiful form; useful as a variety for cutting. 30 cts. each; 4 for \$1.00.

DRACÆNA.

(Dragon Tree.)

One of the most desirable of our ornamental foliage plants for decoration, either in or out-doors, as it does not appear to suffer under the dry atmosphere of rooms; in a partially shaded situation it stands remarkably well during the summer out of doors. Its bright foliage renders it very useful for the window garden, planted as a centre-piece in a rustic stand, jardiniere, or window box, or for summer decoration in vases, ornamental beds, etc. It thrives best in a light rich soil, composed of leaf-mould, sand, loam and thoroughly decomposed manure.

Amabilis. Green, white and pale violet; strong plants. 50 cts. to \$1.00 each.

Baptisti. Green, creamy-white flakes flushed with rose. 50 cts. to \$1.00 each.

Goldeana. Irregularly banded with dark green and silver gray in alternate straight bands. \$3.00 each.

Imperialis. A strong growing variety, with large deep rose and creamy-white foliage. 50 cts. to \$1.00 each.

Terminalis. Rich crimson foliage marked with pink and white. 30 cts. to \$1.00 each.

Youngi. Light green changing to copper color. 50 cts. to \$1.00 each.

DRACÆNA-CORDYLINE.

The cordylines are especially well adapted for centres of vases, baskets, etc., the bright green narrow foliage contrasting well with other foliage and flowering plants.

Australis. A very long, narrow, graceful foliage.

Indivisa. Long foliage; green, graceful.

Veitchi. Long foliage, brown streaked. 25 to 50 cts. each.

DRACÆNA (ALETRIS) FRAGRANS.

A superb African species, with beautiful deep green leaves, lighter in the young growth. Though having no variegations or markings in the foliage, this is one of the most admired of the decorative species, its elegant habit and extremely beautiful lively coloring giving it marked value. It is a rapid grower, and for room adornment or as a vase plant for out-of-door use it is indispensable. 50 cts., \$1.00 and \$2.00 each.

DIEFFENBACHIA BAUSEI.

A stove plant of easy culture, foliage yellowish green, margined and irregularly blotched with dark green, and profusely spotted with white. \$1.00 each.

FICUS.

Elastica (India Rubber Tree). One of the best plants for table or parlor decoration; its thick leathery leaves enable it to stand excessive heat and dryness, while its deep glossy green color always presents a cheerful aspect. The plants we offer are in fine order and are of a size to be useful immediately. 75 cts. to \$1.50 each.

Chauveri. Large foliage, cream rib. \$1.00 each.

Parcelli. Marbled green and white leaves. 50 cts.

Repens. Creeper for green or hot-house. 25 cts.



EUCCHARIS AMAZONICA.

EUCCHARIS AMAZONICA.

A splendid hot-house plant, blooming nearly the entire season. It sends up stalks bearing several pure white, star-shaped flowers, 4 inches across, delightfully fragrant. It is very highly prized in bouquets, baskets, etc.

30 cts. to \$1.00 each.

ERYTHRINA CRISTA-GALLI.

(Coral Plant.)

A magnificent plant, producing its scarlet and crimson pea-shaped flowers on spikes 18 inches long. Planted in May they will flower profusely through the summer. They may be taken up in the fall, and kept in perfect preservation during the winter in a dry cellar, the roots covered with half-dry earth.

25 cts. each, \$2.50 per dozen.

FUCHSIAS.

These graceful plants delight in a cool, shady position, and require a rich sandy loam, or equal parts of loam, sand and manure, thoroughly decomposed. They are not adapted to sunny or exposed situations, as their resting season is during late summer.

TWELVE BEST SINGLE.

- Arabella.** White tube and sepals, rose corolla; early.
- Black Prince.** Tube and sepals bright waxy carmine, sepals tipped green, large, pale pink corolla.
- Bland's Striped.** Tube and sepals scarlet, corolla purple, striped rose.
- Cannell's Favorite.** Tube and sepals pure white, petals reflexed, corolla scarlet.
- Duke of Albany.** Light purple corolla, tube and sepals bright scarlet; reflexed.
- Elegans.** Dark corolla, crimson tube and sepals.
- Emily Ney.** White tube and sepals, shaded purple corolla.
- Earl of Beaconsfield.** Tube and sepals of a light rosy carmine, deep carmine corolla.
- Grand Duchess Marie.** White tube and sepals, carmine corolla.
- Mrs. Rundle.** Very long, rosy carmine tube and sepals.
- Symmetry.** Crimson tube and sepals, corolla rich violet.
- Wave of Life.** Beautiful yellow foliage, rich scarlet tube and sepals, and rich dark corolla.

20 cts. each; set of 12 for \$2.00.

TWELVE BEST DOUBLE.

- Agamemnon.** Plum corolla, rich scarlet sepals.
- Desideratum.** Tube and sepals dark scarlet, corolla bluish violet.
- Depute Berlet.** Corolla violet, tube and sepals rose.
- Elm City.** Crimson sepals, fine dark corolla.
- Extraordinary.** Of large size; scarlet sepals, rich violet-blue corolla.
- Francis Desbois.** Corolla violet purple, red sepals.
- Frau Emma Topfer (Storm King).** One of the best double white Fuchsias. Of strong, graceful habit, and bears its pure white double flowers in great profusion.
- Joseph Rosaine.** Very large scarlet tube and sepals; corolla violet blue, striped deep scarlet.
- Phenomenal.** Larger than Champion of the World; short tube and sepals rich crimson red; corolla full and double, of a beautiful azure violet flaked with red.
- President Gunther.** Large scarlet tube; corolla violet, shaded rose.
- Snow White.** Coral red tube and sepals, large double white corolla.



SNOW WHITE.

Tower of London. Scarlet sepals, double purple corolla.

20 cts. each; set of 12 double \$2.00.

VIEW OF ONE OF OUR FERN-HOUSES SHOWING *DAVALLIA STRICTA*.

Ferns

No collection of plants is complete without Ferns. The selection we offer embraces the best varieties of this beautiful class of plants, whose diversity and gracefulness of foliage make them peculiarly fitted to combine with other fine plants and flowers.

The popularity of Ferns has increased wonderfully in the past few years, and they are now indispensable in all choice floral decorations, and are especially valued for ferneries for room and table decoration.

Where there is moisture and shade most of the varieties succeed well when planted out-of-doors; they delight in a light soil mixed with sand and peat or leaf-mould; good drainage must be provided, as stagnant water is fatal to success.

ADIANTUMS (Maiden-Hair Ferns).

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| <p>Adiantum Ancitense. A strong upright growing variety, with deep green leathery foliage. 50 cts.</p> <p>A. Bellum. Very dwarf and compact, with peculiarly crested fronds, forming neat green tufts. 50 cts.</p> <p>A. Caudatum. A splendid variety of creeping habit, especially suited for planting in hanging-baskets. 25 cts.</p> <p>A. Concinum. A pretty species, with broad, recurved fronds. 25 cts.</p> <p>A. Concinum Latum. Similar to the above, but of erect habit. 25 cts.</p> <p>A. Cuneatum. The popular Maiden-Hair. 25 to 50 cts.</p> <p>A. Cuneatum Grandiceps. A very beautiful form of <i>A. Cuneatum</i>, having long graceful fronds, with the ends of the fronds developed into bunching tasselled heads; a distinct and lovely variety. 25 and 50 cts. each.</p> <p>A. Decorum. Similar to <i>Cuneatum</i>, but more robust. 25 cts.</p> <p>A. Elegans. A pretty deep green species. 25 cts.</p> | <p>Adiantum Farleyense. This is the finest of all the Maiden-Hair varieties. \$1.00.</p> <p>A. Formosum. A pretty upright growing species, with large spreading fronds. 50 cts.</p> <p>A. Gracillimum. Smallest and most graceful Maiden-Hair. 25 cts.</p> <p>A. Le Grandi. Very dwarf and compact, forming close tufts. 50 cts.</p> <p>A. Princeps. A magnificent tall-growing warm-house species. 50 cts.</p> <p>A. Pubescens. A useful basket variety. 25 cts.</p> <p>A. St. Catherinæ. A pretty tall-growing, large-leaved variety. 50 cts.</p> <p>A. Tenerum. A useful variety, with bronzy-green pinnæ. 50 cts.</p> <p>A. Trapeziforme. A splendid large-leaved species, growing about 2 feet high. 50 cts.</p> <p>A. Wiegandi. A pretty little species, with peculiarly crested and overlapping pinnæ. 25 cts.</p> |
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FERNS—Continued.

Actinopteris Radiata. A pretty, small tufted species, not unlike in growth to a miniature Fan-Palm; this species requires a high temperature to be well grown. 50 cts.

Asplenium Belangeri. An easy growing species, with pretty divided pinnae. 25 cts.

Alsophila Australis. Australian tree-fern, a very rapid growing species. 25 cts., 50 cts. and \$1.00 each.

Alsophila Horrida. A scarce variety of tree-fern, very handsome. 50 cts. to \$1.00.

Anemidicton Phyllitides. 25 cts.

Blechnum Braziliense. A strong growing species, useful for decorative purposes. 25 cts.

Blechnum Rubrum. A dwarf, compact species with bronzy-red foliage. 50 cts.

Cyrtomium Falcatum. 25 cts.

Cibotium Glaucum. } Splendid Tree Ferns.
 “ **Regale,** } 50 cts. to \$1.00 each.
 “ **Schiedei,** }

Davallia Parvula. 25 cts.

Davallia Fijiensis Majus. Useful for baskets. 25 cts.

Davallia Pentaphylla. A pretty creeping variety, with dark, shining foliage. 50 cts.

Davallia Stricta. One of the finest Ferns in cultivation, whether for growing as a decorative plant in the room or planting out; the fronds are of a strong texture and of a beautiful shade of green. 25 and 50 cts.

Dicksonia Antarctica. 50 cts.

Didymochlœna Truncatula. 50 cts.

Gymnogramma Chrysophylla. Golden Fern. 25 cts.

“ **Peruviana Argyrophylla.** Silver Fern. 25 cts.

Gymnogramma Sulphurea “ Sulphur Fern. 25 cts.

Lastrea Aristata Variegata. This most beautiful variety has a broad band of yellowish green running through the pinnales along the course of the radius; very ornamental. 25 cts.

Lastrea Opaca. 25 cts.

Lastrea Richardsii Multifida. A pretty species, with finely crested pinnae. 25 cts.

Microlepia Hirta Cristata. A most useful decorative Fern, indispensable in any collection. 25 to 50 cts.

Nephrodium Emersum Cristatum. A pretty species with closely crested fronds. 25 cts.

Nephrodium Molle Corymbifera. 25 cts.

Nephrodium Hertipes. A useful dwarf-growing Fern with bold dark green foliage. 25 cts.

Nephrolepis Bausei. A very distinct and pretty variety. 25 cts.

Nephrolepis Davalleoides Furcans. A beautiful and distinct, crested variety, of robust growth, sending forth numerous arching fronds 3 to 4 feet long, bold and graceful in appearance. 50 cts.

Nephrolepis Duffii. A very distinct and remarkable fern, of a close tufted habit, producing numerous fronds of a very peculiar character, and exceedingly ornamental. 25 cts.

Nephrolepis Exaltata. The sword fern. 25 cts.

“ **Pectinata.** 25 cts.

“ **Phillipiense.** 25 cts.

“ **Tuberosa.** 25 cts.

Onychium Japonicum. 25 cts.

Polystichum Coreaceum. 50 cts.

Polypodium Aureum. Large foliage, of a distinct bluish color. 25 cts.

Polypodium Fraxinellifolia. 25 cts.

Pteris Argylea. One of the most useful ferns for all purposes, large, bold foliage, with broad band of white through the centre of each frond. 25 cts.

Pteris Cretica Albo Lineata. A pretty and useful variegated variety. 25 cts.

Pteris Cretica Magnifica. Beautiful crested fronds. 50 cts.

Pteris Hastata. A useful variety, with black stems and dark green fronds, fine for baskets. 25 cts.

Pteris Leptophylla. A distinct variety, silvery-green foliage. 25 cts.



ADIANTUM CUNEATUM GRANDICEPS.

FERNS—*Continued.*

- Pteris Nemoralis.** A pretty variegated variety. 25 cts.
Pteris Palmata. Bold, deep green foliage. 25 cts.
Pteris Serrulata. A well-known and useful basket-fern. 15 cts.
Pteris Serrulata Cristata. A pretty crested form of Serrulata. 25 cts.
Pteris Serrulata Cristata Nana Compacta. A very dwarf and closely crested form of P. Serrulata; makes a beautiful specimen plant. 50 cts.
Pteris Sieboldi. 25 cts.
Pteris Owrardi. 25 cts.
Pteris Tremula. Well known and useful for all purposes. 25 cts.
Woodwardia Radicans. Of strong growth, with long drooping fronds. 25 cts.

We will furnish the entire collection of 71 Ferns, one of each variety, for \$15.00.



IVY GERANIUMS.

DOUBLE IVY LEAVED GERANIUMS.

This class of Geraniums is especially adapted for pot culture or trailing on trellises, or as trailing plants in hanging baskets.

- Anna Pfitzer.** Salmon rose, shaded pink.
Count de Choiseul. Rich cherry pink.
Eden Marchii. Pinkish crimson.
Eurydice. Rose mauve, shaded red.
Jeanne D'Arc. One of the finest varieties in size of flower, perfectly double; pure white, suffused light lavender.
La Rosiere. Bright pink.
 15 cts. each; \$1.50 per doz.

VARIEGATED GERANIUMS.

As an ornament for the parlor or conservatory, or for bedding purposes, nothing excels this class of beautiful plants; the flowers are quite an attractive addition to the richness of foliage.

- Black Douglas.** Golden bronze type. Splendid dark zone, on a fine yellow ground; scarlet flowers.
Happy Thought. Large yellow blotch in the centre of the leaf, with an outer band of green in the margin; flowers rich rose; habit dwarf. A good bedder.
Marshal McMahon. Golden bronze type. Fine bold leaf; broad zone of chocolate on golden yellow ground; one of the best and most effective.
Mrs. Pollock. One of the most beautiful of golden tricolor class; bronzy scarlet zone, golden edge, scarlet flowers.
Mountain of Snow. Silver edge; vigorous grower.
 20 cts. each; \$2.00 per doz.; set of 5, 75 cts.



R. MASSON.

BEST SINGLE GERANIUMS.

- Belisaire.** Salmon, veined crimson, shaded carmine, large truss.
Frazier. Light rosy pink; immense trusses.
General Grant. Dazzling scarlet; enormous truss.
General Sherman. Crimson scarlet; very large.
Guinea. Bright salmon yellow.
Juliette. Pink, marbled white.
John Satler. Salmon, tipped white.
L'Elysee. Rosy salmon, mottled white.
Lucius. Immense truss of salmon rose.
Master Christine. Bright pink; the best shade.
Queen Olga. Bright clear pink, a fine flower.
Rev. Mr. Atkinson. Dark crimson truss of immense size.
R. Masson. One of the finest deep crimson bedders.
Sam Sloan. A fine deep crimson variety of the nosegay section, very large trusses; a free bloomer.
Souv. de Cuigneaux. Rich deep maroon crimson.
Queen's Pet. Velvety scarlet, shaded crimson.
White Clipper. Pure white.
 15 cts. each, \$1.50 per doz.; set of 17, \$2.00.

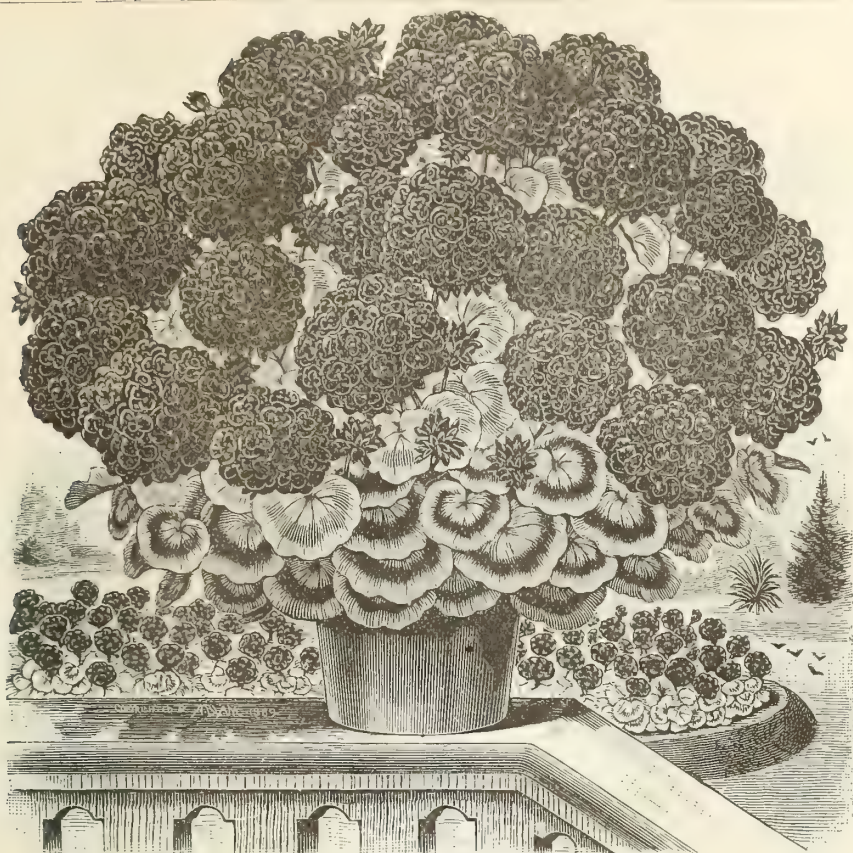
GLORY OF LYONS.

A magnificent flower, of a beautiful shade of scarlet overlaid with rosy salmon. The size of the individual pip is all that can be desired, to which is added the increased value of a truss fully half as large again as in the ordinary varieties. This sort will be in demand where masses of color are desired, or for market purposes where its brilliant color and striking form will make it a marked flower.

25 cts. each; \$2.50 per dozen.

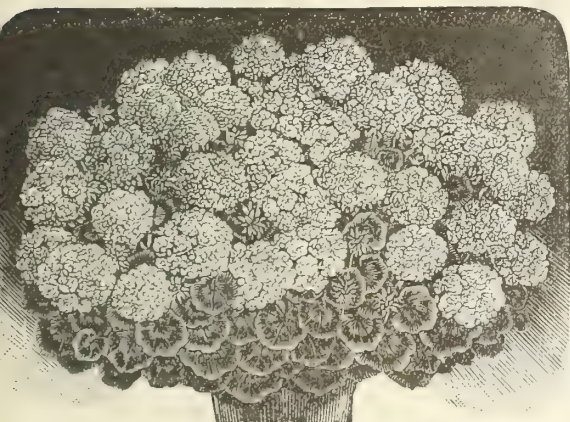


VARIEGATED GERANIUM.



DOUBLE GERANIUM BRUANTII.

The finest double bedding Geranium in cultivation. The leafage is round, nicely zoned, having great texture and substance; the color of the flower is light vermilion-red, of a most pleasing shade. The flowers are of absolutely perfect shape, trusses exceptionally large and borne in immense spherical balls, often measuring 8 inches in diameter. 20 cts. each; \$2.00 per dozen.



DOUBLE GERANIUM, WHITE SWAN.

A perfectly double pure white variety which has received a first-class certificate from the Royal Horticultural Society of London as being the best of its class. It is remarkably free blooming, and is in season a perfect ball of snow-white flowers. As a pot-plant for house or greenhouse decoration it will fill a long felt want, as many of the white sorts become semi-double, or run into rose or blush shades during the spring and winter months. 15 cts. each; \$1.50 per dozen.

BEST DOUBLE GERANIUMS.

- Annatole de la Forge.** Bright magenta; large truss.
- Crimson Velvet.** Rich deep crimson.
- Conrad Kirchner.** Brilliant scarlet, white centre.
- Deputy Lafize.** Dark vermilion purple; very rich.
- Electric.** Lightest shade of vermilion, tinged with light puce; trusses and flowers very large and bold.
- Emile de Girardin.** Beautiful clear rose.
- Emerson.** Pink and salmon, shaded flesh color.
- Gambetta.** Dark red.
- Geo. Thorpe.** Of the most intense crimson, very free; an elegant bedding variety.
- Golden Dawn.** Rich orange, salmon shaded; the nearest approach to yellow yet sent out.
- Hollyhock.** Orange scarlet, large and fine form.
- Hoffman Beach.** Rich amaranth purple.
- James Y. Murkland.** Bright peach, rose centre, broadly margined with white.
- James Vick.** Deep flesh with dark bronze shadings.
- La Pilote.** Brilliant crimson scarlet, full and free.
- La Titien.** Lovely salmon, edged white.
- Maggie Hallock.** Deep salmon pink, shaded rose.
- Md. Blanche de la Rue.** Fine white, large truss and a pure color.
- Md. Grandgeorge.** Carmine cherry; large truss.
- Richard Brett.** Large trusses of a peculiar orange color; very double.
- Robt. Buist.** Brilliant crimson.
- S. A. Nutt.** The best rich dark crimson variety; the flowers are of perfect shape and large size; the trusses massive and produced in great number. 15 cts. each, \$1.50 per dozen; set of 22 for \$2.50.

SCENTED GERANIUMS.

Apple. Mrs. Taylor. Rose.
Shrubland Pet. Variegated Rose.

15 cts. each; \$1.50 per doz.; set of 5, 60 cts.

GAZANIA SPLENDENS.

A pretty old-fashioned plant, useful for bedding or as a vase and basket plant, with fine, large bright orange flowers with white and brown centre, and dark green foliage, silvery underneath; requires a sunny situation.

15 cts., \$1.50 per dozen.



✻ New Gladiolus. Snow White or Hyde's White. ✻

The merits of this Gladiolus have been fully tried during the past eight years, and its character firmly fixed. We are therefore confident that in sending out this variety it will prove all that is claimed for it and become a standard sort. The flowers are of fine shape, large in size and of a pure paper white color, seldom showing a trace of any other shade. The spikes are large and set thickly with flowers. When planted late, and the nights become very cool, it will be streaked with pink more than at any other time; even then, if the spikes are cut and placed in water when the four lower flowers are open, no trace of pink will appear in the remainder. If at any season of the year the spikes are cut when the first two or four lower flowers open, and are allowed to develop in water, it is positively snow-white. It is a good grower; bulbs healthy and strong, and in very many cases produces three spikes from each bulb, but to get the largest flowers and spike, only one spike should be allowed to grow.

The Massachusetts Horticultural Society Committee reports as follows (in 1881, part second of Report, page 193): "Gladioli: J. F. C. Hyde has shown his Seedling, 'Hyde's White,' in the finest condition, and your committee had another opportunity of seeing the plant at his grounds. Mr. Hyde has taken great care in the selection of his forms this season, and has fully fixed the flower in its character. The plant proves even more vigorous than last year, throwing up a strong flower stem four feet in height, crowned with a remarkably full spike of very large, well-expanded flowers, facing boldly to one side. Many of the terminal flowers are semi-double. The growth is peculiarly vigorous, giving an average of three stems to each bulb; many of them have five and we noticed one with seven stems, indicating a remarkably prolific character, which will greatly add to its favor with the public. Your committee are unanimous in the opinion that it is the best White Gladiolus yet introduced. A first-class Certificate of Merit was awarded to it three years ago, and we now recommend that the Prospective Prize of \$40.00 for the best Seedling, Flowering, or Foliage Plant (for which it was entered three years ago) be awarded to James F. C. Hyde for the Gladiolus 'Hyde's White.'"

50 cts. each; \$5.00 per dozen, 25 for \$9.00.

➤ GLADIOLUS ➤

Our list of this charming flower includes only the very choicest sorts. Many more might be listed; but we have endeavored to offer only those possessing the highest merit as to size of flower and spike, purity of coloring and distinct marking.

Africaine. Scarlet ground, streaked scarlet and pure white.

Anna. Cherry, tinted bright orange, lower petals striped dark carmine.

Astree. Pure white, carmine violet blotch, throat suffused pale lilac.

Bicolor. Rosy salmon, lower petals ivory white, suffused rose.

Brenchleyensis. Bright vermilion scarlet.

Chas. Dickens. Delicate rose, tinted buff, flamed and striped carmine rose.

GLADIOLUS—Continued.

- Conquete.** Bright cherry red, pure white blotch, upper petals striped rose.
- Eugene Scribe.** Flower very large and perfect; soft rose blazed with carmine red.
- Hesperide.** Profusely blotched and flaked, bright rosy salmon on a pure white ground.
- Ida.** White ground, tinted rose, flamed carmine, lower petals yellow.
- Isaac Buchanan.** Pure yellow; a beautiful flower.
- La Candeur.** Pure white, faintly striped carmine.
- Le Poussin.** Light red, large white blotch.
- Le Vesuve.** Intense fiery red; a rich color.
- Mad. Monneret.** Delicate rose, striped white, carmine blotch on salmon ground.
- Martha Washington.** Pure light yellow, lower petals tinged rose, long spikes.
- Marie Lemoine.** Pale cream flushed salmon lilac, lower petals purplish violet bordered yellow.
- Meyerbeer.** Brilliant scarlet, flamed vermillion, amaranth blotch.
- Napoleon III.** Bright scarlet, striped white.
- Princess of Wales.** White, flamed carmine rose, dark carmine blotch.
- Romulus.** Brilliant dark red, pure white blotch.
- Sappho.** Cherry, tinged orange; pure white blotch feathered with red.
- Shakespeare.** White, suffused carmine rose, large rose blotch.
- Stella.** White, tinged yellow and rose, flamed carmine.
- Van Spandonk.** Fiery red; a splendid flower.

15 cts. each; \$1.50 per doz.; postpaid \$1.60 per doz.; set of 25, \$3.00.

Our selection \$10.00 per 100, by express.



GLADIOLUS IN MIXTURE.

These mixtures have been made with special reference to color, time of flowering and quality of bloom. They will meet the views of our customers, as no poor sorts are used to cheapen the price. The care that has been bestowed upon Gladiolus has resulted in the production of flowers of large size, charming colors and strong habit. These good points, coupled with the ease with which they may be grown and the prolonged season of blooming, are bringing this class of bulbs yearly into more extended notice. A succession of bloom may be had from July to September by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. The cultivation of Gladiolus is very simple, as they will thrive in any good garden soil, but amply repay care and liberal feeding by enhanced size and beauty.

To gain an effect with Gladiolus they should be planted in a liberal manner and well manured. In no other plant is there such diversity of color combined with freedom of bloom and easy cultivation. The bulbs should be taken up before frost and stored in a dry cellar or cool room, where they will not freeze.

Light colors only 75 cts. per dozen; postpaid 85 cts. per dozen, \$5.00 per 100 by express.

Extra fine mixed, all shades, 50 cts. per dozen, postpaid 60 cts. per dozen, \$3.00 per 100 by express.

GLOXINIA CRASSIFOLIA GRANDIFLORA.

A charming class of summer blooming bulbs which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear. If planted in frames, they will thrive admirably and produce their lovely flowers from June to September. After planting the bulbs in a mixture of fibrous peat, light loam, manure and sand in equal parts, they require but little heat or water until they show signs of growth, when the quantity of moisture and heat may be increased. Air should be plentifully supplied to prevent damping off. When the plants have done blooming dry gradually off, and keep in pots over winter in a moderately warm place, or under the staging of a greenhouse.

We have made a specialty of the Gloxinia for many years, and have added all the improved strains as they have appeared, until our collection is unsurpassed either in this country or abroad. The past season we have added a strain of richly marbled and spotted sorts; also a fine strain of large self-colored varieties. The named varieties we offer are specially good, and our mixtures include flowers of lovely form and hue.

- | | |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Carmen. Flowers erect, pure white throat, lips rich crimson. | Jenny Lind. Flowers erect, rich shade of deep purplish blue. |
| Crimson Queen. Flowers erect, of very large size, throat deep crimson, pure white lips. | Marvel. Flowers erect, rich purple lips, throat pure white spotted with purple. |
| Glow. Flowers erect, pure white throat, with crimson spots; lips rich glowing crimson. | Punctata Elegans. Flowers erect, pure white, minutely spotted with bright crimson; lovely. |



IMPROVED FRENCH SPOTTED GLOXINIA.

GLOXINIAS—Continued.

Purple Gem. Flowers erect, pure white lips, throat deep rich purple.

Sappho. Flowers erect, rich dazzling crimson, flowers large and of good substance.

Spotted Gem. Erect flowering, pure white, minutely spotted with royal purple; a distinct and pleasing variety.

Triumphant. Flowers erect, of a bright rosy crimson color, throat pure white, minutely spotted with deep crimson.

30 cts. each, \$3.00 per dozen; set of 10 varieties \$2.50.

GLOXINIA.**Improved French Spotted.**

The flowers of this class are beautifully spotted and marbled, ranging through all the different shades of pink, rose, crimson, purple and blue spots, generally on a white or light ground. See cut.

Finest mixed varieties 30 cts. each, \$3.00 per dozen.

MIXED GLOXINIAS.

These comprise all shades of color and erect, horizontal and pendulous flowers; for those who do not care about special color they will be found very desirable, as only fine varieties have been kept, the poor and dull colors having been discarded.

20 cts. each, \$2.00 per dozen.

CHINESE HIBISCUS.

Small shrubs, blooming freely during the summer months, and fine for garden decoration.

Aurantiaca Plena. Double salmon.

Grandiflora. Large rose.

Miniatus Semi-plena. The finest and most brilliant, semi-double vermilion scarlet flowers, 4 inches in diameter.

Schizopetalus. Flowers drooping, with reflex orange-red lacinated petals; a curious and valuable variety.

Vivicans. Remarkably large flowers, $4\frac{1}{2}$ inches in diameter, full, double; brilliant crimson scarlet; very showy.

Zebrinus. Petals scarlet-edged and striped with creamy yellow and white.

25 cts. each; \$2.50 per doz.

HELIOTROPE.

Chieftain. Lilac, large truss.

Grandiflorum. Pale lilac.

Mad. de Blonay. Large truss, nearly pure white.

Mrs. D. Woods. Deep violet-purple; very free and desirable sort; trusses large.

Queen of the Violets. Of the deepest violet-purple, with large, almost pure white eye and very fragrant. The plant is vigorous habit and very floriferous.

15 cts. each; \$1.50 per doz.; set of 5, 60 cts.

HYDRANGEAS.

Hortensis. An old favorite, producing large heads of pink flowers in great profusion; the color may be changed to a beautiful blue, by mixing the iron scales from a blacksmith's shop among the soil. Hardy with protection.

Hortensis Variegata. An exceedingly ornamental plant; the leaves are deep green, margined with pure white; fine for shady positions.

Otaksa. A Japanese variety lately introduced, having beautiful glossy foliage, and large heads of pink flowers.

Paniculata Grandiflora. This is the finest hardy shrub in cultivation, and endures heat and cold extremely well. The flowers, which are borne in dense pyramidal panicles

in the greatest profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks. 25 cts. to \$1.00 each, according to size.

Rhamnus Pictus. A grand variety, producing immense heads of deep rose-colored flowers.

Rosea. Similar in habit and growth to the popular Thomas Hogg, except in color, which is a bright rosy red.

Thomas Hogg. Large pure white flowers which, on well-grown plants, measure more than 12 inches in diameter. Is quite as hardy as the other garden sorts.

25 cts. each; \$2.50 per dozen.



HYDRANGAEA PANICULATA GRANDIFLORA.

IMPATIENS.

One of the most distinct and beautiful plants either for winter flowering or summer bedding. Of compact, neat habit, and a perpetual bloomer; the flowers are $1\frac{1}{2}$ inches in diameter, and produce so freely that a well-grown specimen appears to be quite a ball of flowers.

Lucy. A lovely shade of rosy lilac, tinted mauve. This we consider decidedly superior to Sultani, as it stands the summer heat and is a complete mass of flowers from early summer till late autumn. Excellent for edging or massing.

Sultana. Of compact, neat habit, and a perpetual bloomer; the flowers are a peculiar brilliant rosy scarlet color, $1\frac{1}{2}$ inches in diameter, and produce very freely.

15 cts. each; one of each variety for 25 cts.; \$1.50 per doz.

IPOMÆAS.

LEARI. This is a fine large Morning Glory, with deep azure-blue flowers, over 6 inches in diameter; a very desirable handsome climber, as a companion for *I. Noctiflora*.

MEXICANA, OR PALMATA. A distinct and pretty Mexican species, bearing fine clusters of large purplish rose-colored flowers; it grows rapidly and succeeds in almost any position; as a plant for covering arbors, verandas, etc., it is invaluable; being tuberous-rooted, it may be wintered like a Dahlia.

NOCTIFLORA (Evening Glory, or Moon Flower). A rapid-growing plant of the "Morning Glory" family, with pure white moon-like flowers, 6 inches in diameter, which open at night; as a rapid climber for covering arbors, verandas, trees or walls it has no superior.

15 cts. each; set of 3 varieties, 40 cts.; \$1.50 per doz.



JASMINUM GRACILLIMUM.

JASMINUM.

Gracillimum. Exceedingly floriferous. A flowering shoot is produced from every joint, which terminates in a dense clustre of pure white fragrant flowers; in bloom from Oct. to Feb. 50 cts. each.

Grandiflorum. This favorite variety, known as the Catalonian Jasmine, is a valuable winter blooming sort. The flowers are pure white and deliciously fragrant. 25 cts. each.

Grand Duke. Large white, imbricated double flowers; fragrant. 30 cts. each.

Sambac. Creamy white, star-shaped flowers; very fragrant and free. 30 cts. each.

Sambac fl. pl. Of same color as above, but bearing larger flowers, which are very double. 30 cts. each.

Set of 5 for \$1.50.

LAVINIA WELTONIENSIS.

(*Santolina Argentea*.)

A beautiful dwarf and compact-growing white foliage plant, very desirable for carpet and ribbon bedding; is very effective when used in connection with the bright colored *Alternantheras*.

15 cts. each; \$1.50 per doz.; \$6.00 per 100.

LANTANAS.

One of the best summer-flowering plants for our climate; equally fine in dry or wet weather, sun or shade. There are few bedding plants that bloom more continuously or afford a greater variety of color. When grown with a single stem and trained as standards, with fine bushy tops and straight stem, they present an effect that is surpassed by few plants.

Comtesse Morny. Blush and rose.

Craig. Rich orange carmine.

Favorita. Yellow merging into crimson.

Imperatrice Eugenie. Blush and white.

Perfection. Green foliage, variegated with yellow lilac flowers; very showy and constant.

Pluie d'or. Very clear canary yellow; a novel shade.

Queen Victoria. Fine white.

15 cts. each; \$1.50 per doz.; set of 7, 75 cts.

LEONOTIS LEONURUS.

An old plant recently reintroduced, producing long terminal spikes of beautiful orange-colored flowers; treated in the same manner as *Chrysanthemums*, they will flower continually from the early part of September until mid-winter.

15 cts. each; \$1.50 per dozen.

LINUM FLAVUM.

An old plant which should receive more attention. As an early winter-flowering plant it is simply indispensable; its brilliant orange flowers are produced so profusely as to completely cover the plant, making it look like a golden ball. Its easy cultivation and usefulness as a house plant should bring it again into notice.

15 to 25 cts. each; \$1.50 to \$2.50 per dozen.

LYCOPodium, OR SELAGINELLA.

The following list comprises the most popular varieties of this useful class of plants; all will be found especially suited to use in connection with Ferns and other decorative plants.

Denticulatum. Cesium. Cesium Arboreum. Martensi. Krauseanum. Plumosum. Wildenowii.

15 cts. each; \$1.50 per dozen.

MADEIRA, OR MIGNONETTE VINE.

Of rapid growth, suitable for covering arbors, etc. Flowers feathery white, with a fragrance resembling Mignonette.

10 cts. each; 75 cts. per dozen.

MANDARIN ORANGE.

The best of the Oranges for house culture. Of dwarf, bushy habit, and a heavy bearer. We can supply plants old enough to bear fruit. \$1.00 each.

MARANTA.

Valuable decorative stove plants, remarkable for the richness and beauty of their varied foliage.

Chimboracensis. 50 cts. to \$1.00.

Makoyana. \$1.00 to \$1.50.

Massangeana. 50 cts.

Zebrina. 50 cts. to \$1.00.

MILLA BIFLORA.

(Mexican "Star of Bethlehem.")

One of the loveliest and most desirable bulbs. The flowers are nearly $2\frac{1}{2}$ inches in diameter, of a pure waxy white color, and usually borne in pairs; the petals are thick and leathery, of great substance, and will keep for days when cut and placed in water.

10 cts. each; 12 for \$1.00; 30 for \$2.00.

MONTBRETIA POTTSI.

A beautiful plant, resembling somewhat a *Gladiolus*. Each bulb throws up several flower-spikes from 6 to 10 inches long, with numerous small side spikes, making it exceedingly floriferous. Flowers of a bright orange red, of perfect and graceful form.

15 cts. each; \$1.50 per dozen.



MUSA ENSETE.

The fruit of this variety is not edible, but the leaves are magnificent, long, broad and massive, of a beautiful green, with a broad crimson midrib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn, terrace, or flower garden. It can be stored in a light cellar or cool greenhouse during the winter, with a covering of soil, or planted in a tub, watered sparingly.

Plants 8 in., 50 cts.; 1 ft., \$1.00; 2 to 3 ft., \$2.50; 5 ft., \$5.00 each.



NEPETA GLECHOMA VARIEGATA.

A variegated form of our native ground-ivy or ground-sel and one of the most useful basket and vase plants in cultivation; foliage is bright green with a broad border of white; succeeds in any position.

15 cts. each; \$1.50 per dozen.

PELARGONIUMS.

We offer twelve distinct varieties, embracing the best of the old and newer varieties.

30 cts. each; \$3.00 per doz.



PANSIES.

As we have given this plant special selection and cultivation, the stock offered can be relied on as embracing the best from foreign and domestic collections. It combines with flowers of the largest size and finest form the most exquisite gradations of color.

Pot-grown, 15 cts. each; \$1.50 per doz.

Out of frames, 10 cts. each; 75 cts. per doz.; \$5.00 per 100.

PASSIFLORA PFORDTI.

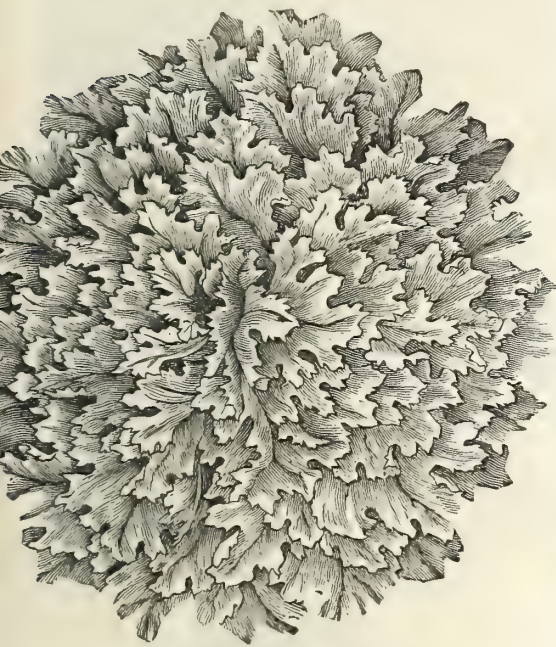
This we consider the best of all the tender varieties for out-door planting. Its beautiful flowers are borne freely, even on quite small plants. They are of rich shade of blue, suffused with rose. 15 cts. each; \$1.50 per dozen.



PASSIFLORA PRINCEPS.

This variety is the best of Passion flowers for the greenhouse. It blooms in long terminal racemes of brilliant scarlet flowers, which remain in perfection a long time. To bring it to perfection it should be given a warm situation and not trimmed back. The plants we are offering are the true variety, and not the ordinary *Passiflora rubra*.

\$1.00 each. -



DOUBLE PETUNIAS.

For many years we have made a specialty of Double Petunias, growing from three to five thousand seedlings annually, from which we select the best for propagation. We have discarded the plain-edged sorts, as the fringed and laced varieties listed below are very much better.

- Atlantic.** Rich rosy purple, edged white.
Aida. Rosy lilac, edged purplish lilac, distinct and handsome.
Amabilis. White, blotched with carmine.
Ariel. Deep rich purplish crimson.
Charmer. Mottled white and carmine, beautifully fringed.
Cherub. White, splashed with carmine and crimson.
Cheerfulness. White, mottled with rosy crimson.
Dauntless. Crimson, shading white towards the edge.
Estelle. Mottled crimson, purple and white.

DOUBLE PETUNIAS—Continued.

- Eclair.** White, mottled with crimson.
Galatea. Fine, deep purplish crimson, edged white.
Irene. Mottled purple, white and crimson.
Lucinda. Purplish carmine, mottled white.
Mayflower. White, mottled rosy crimson.
Niobe. Rich purplish crimson, tipped rose and white.
Oracle. Rosy carmine, edged with white.
Parsifal. White, crimson and carmine.
Rev. J. G. Drayton. Rich crimson purple, deep fringe; the finest self-colored variety in cultivation.
Sappho. Pure white, edged bright purple.
Silver Queen. Beautiful clear white, suffused silvery pink.
Snowdrift, Improved. Pure white.
Sylvia. Deep purplish crimson; fine.
Thistle. Crimson, flaked white.
Volunteer. White, with large rosy crimson blotches.
 20 cts. each; \$2.00 per doz.; set of 24 varieties \$3.00.

SINGLE PETUNIAS.

The varieties offered have been selected from many hundreds of the finest seedlings, varying through the shades of crimson, rose and purple, to the purest white, striped, mottled, self-colored and fringed. A solid bed of Single Petunias makes a very effective show of flowers during the entire season, and one that suffers but little on account of draught or too much rain.

- Marvellous.** White, striped with rich carmine, elegantly fringed.
Matchless. White, beautifully flushed with delicate rose, splashed and mottled with crimson; finely fringed.
Princess. Rosy purple, light veined throat.
Progress. Rosy carmine, splashed and marbled with white; finely fringed.
Startler. Rich crimson, edged pure white, throat veined purple.
White Perfection. Pure white, deeply fringed; a handsome and desirable variety.
 15 cts. each; \$1.50 per doz.



PANCRATIUM CARIBBÆUM. (Spider Lily.)

A free blooming bulb bearing pure white fragrant flowers; it is easily handled and can be brought into bloom in the house as easily as in the open.

Strong bulbs, 30 cts. each, \$3.00 per doz.

PHYLLOTÆNIUM LINDENI.

A beautiful foliage plant, with large calla-like leaves of a beautiful velvety green, zebra striped, striped on the stem.

\$2.00 to \$3.00.



VIEW OF A HOUSE OF ARECA LUTESCENS AT RIVERTON.

PALMS.

Palms are now indispensable in all decorations, whether for apartments, conservatories or for tropical bedding in the summer. The large demand the past few years has induced us to considerably increase our facilities for propagating and growing this class of stock, and we have now twelve of our largest houses devoted to their cultivation alone, which enables us to supply all the leading and popular varieties at most reasonable prices.

Areca Lutescens. One of the most valuable and beautiful Palms in cultivation; bright glossy green foliage and rich golden yellow stems. 50 cts. to \$25.00 each.

Areca Madagascariensis. 50 cts.

Areca Rubra. Foliage deep green, tinged red, stems red. 50 cts. to \$1.00 each.

Areca Sanderiana. A beautiful new species, with deep glossy green foliage and red stems. \$1.50 to \$3.00 each.

Areca Sapida. A strong upright growing variety with dark green feathered foliage. \$1.00 to \$3.00 each.

Areca Verschaffelti.

One of the most elegant varieties, with dark shining green foliage and light-colored band through the centre of each leaf. \$1.00 to \$3.00.

Caryota Urens (Fish Tail Palm). An easily grown and useful sort. 50 cts. to \$1.00 each.

Chamædora Elegans. A pretty decorative variety with deep glaucous green foliage. 50 cts. to \$1.00 each.

Chamærops Excelsa. A handsome Fan Palm, of rapid, easy culture. 50 cts. to \$1.00 each.

Cocos Plumosus. Plume-shaped foliage. 50 cts. each.

Cocos Weddelliana. The most elegant and graceful of all the smaller Palms. The Cocos are admirable for fern dishes, as they are of slow growth and maintain their beauty for a long time. 50 cts. to \$1.00 each.

Corypha Australis. An Australian Palm, of rapid growth and easy cultivation. 50 cts. to \$1.00 each.

Curculigo Recurvata. A very graceful palm-like plant for decorative purposes. 50 cts. to \$3.00 each.



CORYPHA AUSTRALIS.



CHAMÆROPS EXCELSA.

Euterpe Edulis (Assai Palm). Of spreading graceful habit. 50 cts. to \$1.00 each.

Cycas Revoluta (Sago Palm). The stem of this variety is very thick, and bears the foliage in whorls at the top. \$5.00 to \$12.00 each.



KENTIA BELMOREANA.

PALMS—Continued.

- Kentia Belmoreana.** A beautiful strong-growing Palm, with deep green crisp foliage. \$1.50 to \$5.00 each.
- Kentia Fosteriana.** One of the finest of the Kentias, with graceful bright green foliage. \$1.50 to \$5.00 each.
- Latania Borbonica** (*Chinese Fan Palm*). The most desirable for general cultivation, especially adapted for centres of baskets, vases, jardinières, etc. 50 cts., \$1.00, \$2.00, \$3.00, \$5.00 each.
- Phoenix Reclinata.** Beautiful reclinate foliage. 50 cts. to \$2.50 each.
- Phoenix Rupicola.** Of graceful arching habit. 50 cts. to \$2.50 each.
- Phoenix Sylvestris.** An attractive sort, deep green foliage. 50 cts. to \$2.00 each.
- Ptychosperma Alexandræ.** 50 cts. to \$3.00 each.
- Seaforthia Elegans.** One of the very best for ordinary purposes, of graceful habit, and rapid easy growth. 50 cts. to \$1.00 each.
- Stevensonia Grandifolia** (*Phœnicophorium Sechellarium*). One of the most distinct and beautiful species in cultivation. We offer fine young plants. \$3.00 to \$5.00 each.
- Zamia Integrifolia.** An easily grown palm that will thrive under ordinary care. \$1.00 to \$2.50 each.

PANDANUS (Screw Pine).

- Utilis.** Called Screw Pine from the arrangement of the leaves on the stem. Excellent for the centre of vases and baskets, or grown as a single specimen; a beautiful plant. 30 cts. to \$2.00 each.
- Javanicus Variegatus.** Leaves green, with broad stripes of pure white gracefully curved. \$1.00 each.
- Veitchii.** This is one of the most attractive plants. The leaves are light green, beautifully marked with broad stripes and bands of pure white, and gracefully curved. \$1.50 to \$10.00.

PYRETHRUM AUREUM.

(Golden Feather.)

Used largely for massing or ribbon-edging. The leaves are golden yellow, delicately cut; the color is retained all summer in the brightest sun. The flower shoots should be taken off when they appear to preserve the shape of the plant. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.



PRIMULA OBCONICA.

PRIMULA OBCONICA.

An ever-blooming Primrose bearing on long stems heads containing 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. In bloom nearly the whole season.

25 cts. each; \$2.50 per doz.



PLUMBAGO CAPENSIS FLORE ALBA.

PLUMBAGO.

- Capensis.** Light blue, very free flowering. 25 cts.
- Capensis Flore Alba.** The exact counterpart of Plumbago Capensis except in color, which in this beautiful novelty is a creamy white. This is one of the leading new plants of the year, and as a bedding plant will be found invaluable, as it is constantly in bloom throughout the season. 25 cts.
- Coccinea Superba.** Similar in style to Plumbago Rosea, but producing long racemes of flowers 12 to 15 inches in length, and of a bright satiny carmine color. They remain in bloom a long time and are very showy and brilliant. 30 cts.

SALVIA (SAGE).

These rich and abundant flowering plants are indispensable in the autumnal garden; either in masses or scattered among shrubbery they display their beauty to advantage.

Soucheti fl. alba. Pure white.

Splendens. Scarlet Sage.

Marmorata. Flowers and calyx pure white, beautifully mottled and spotted with scarlet; dwarf habit, free blooming.

10 cts. each; \$1.00 per dozen; \$8.00 per 100.

SMILAX.

(*Myrsiphyllum Asparagoides*.)

A climbing plant, unsurpassed in the graceful beauty of its foliage; its peculiar wavy formation renders it one of the most valuable plants for bouquets, wreaths, festoons and decorations. Can be easily grown in the house.

15 cts. each; \$1.50 per dozen.



STEPHANOTIS FLORIBUNDA.

STEPHANOTIS FLORIBUNDA.

One of the most charming hot-house climbers, growing rapidly, with long glossy deep green foliage, and producing clusters of pure white flowers, deliciously fragrant.

50 cts. to \$1.00 each.

TIGRIDIA.

(Shell Flower.)

Curious and beautiful shell-like flowers about 4 inches in diameter, flowering from July to October. The bulbs can be planted about the middle of May, and taken up in October and kept over winter in dry sand.

Conchiflora. Orange, with crimson spots.

Pavonia. Red, with crimson spots.

Pavonia grandiflora alba. Large ivory-white flowers, spotted with maroon and rosy lake in centre.

10 cts. each; 75 cts. per dozen; set of 3, 25 cts.

TORENIA.

Asiatica. An exquisite plant, bearing a profusion of porcelain blue flowers, tipped with rich violet purple; it succeeds out of doors in the summer season.

Bailloni. Trailing habit, producing bright golden yellow flowers with a deep brownish red throat. It thrives in the open border, greenhouse or window.

Fournieri. This variety produces large sky-blue flowers, with dark blue spots and a bright yellow centre. Exposed to the full sun, it forms a compact bushy plant about 1 foot high, which commences to flower in June and continues incessantly until frost.

15 cts. each; \$1.50 per dozen.

TABERNÆMONTANA CAMASSA.

Greenhouse shrub, neat and compact, resembling the Gardenia in growth and fragrance; pure white double flowers, fine for cut-flower work. 50 cts. each.

**TUBEROSES.**

Double Italian. One of the most delightfully fragrant and beautiful of the summer-flowering bulbs, throwing up tall spikes of double white flowers 3 feet high, which remain in bloom a long period. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March, in the greenhouse or hot-bed; and for a succession they can be planted at intervals as late as August. For flowering in the open border plant about the first of May.

Postpaid, 8 cts. each; 65 cts. per doz.

Express, 5 " " 50 " " " \$3.00 per 100.

Pearl. The value of this sort over the Double Italian consists in its flowers being of larger size, very double and imbricated; of dwarf habit, growing only from 18 inches to 2 feet in height; its short growth making it desirable as a pot plant or for winter forcing.

Postpaid, 8 cts. each; 65 cts. per doz.

Express, 5 " " 50 " " " \$3.00 per 100.

Variegated Leaved. Leaves striped with light yellow, very showy when planted in masses; flowers single.

15 cts. each; \$1.50 per dozen.

VIOLETS.

One of the leading florists' flowers for bouquets. All the varieties should have a slight protection of leaves during the winter. A better plan to insure early spring flowering is to plant in cold frames in the fall. They thrive best during the summer in a shady situation, in a rich, deep soil.

Marie Louise. Deep violet blue; very fragrant and free-flowering. It should be grown by all, on account of its easy forcing qualities.

Mons. Millet. Of a beautiful violet rose color, of large size; very fragrant and a free bloomer.

Queen Victoria. A large single-flowering sort, deep blue, very fragrant and free; a good forcing variety.

Swanley White. A sport from the popular and well-known Marie Louise, similar in habit and freedom of flowering, but of a pure white color.

Schœnbrun. Single, deep blue; very fragrant. 15 cts. each; \$1.50 per dozen.

**TWELVE CHOICE VERBENAS.**

- Antonio.** Extra fine deep blue.
Beauty of Oxford. Deep pink, of immense size; extra.
Coral. Very fine pink.
Emma. Rose, with blush eye; distinct.
Gazelle. Rich purple.
Gen. Custer. Brilliant crimson, white eye.
Iona. Pink, scarlet centre; extra fine.
Miss Arthur. Dazzling scarlet; very fine.
Onyx. Bright scarlet.
Red Cap. Very bright scarlet, white eye.
Turquoise. Beautiful blue, with large eye.
White Beauty. Extra fine large white.
 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

VINCAS.

- This old and popular plant should be in every garden. Of compact, bushy growth, blooming from June till frost. A desirable plant for massing or pot culture.
Alba. Pure white.
Alba Oculata. White, crimson eye.
Rosea. Rose, dark eye.
 15 cts. each; \$1.50 per doz.; \$8.00 per 100.

VINCA MAJOR VARIEGATA.

One of the very best vase plants. Leaves glossy green, broadly margined creamy white. Blue flowers.
 15 cts. each; \$1.50 per doz.

MISCELLANEOUS PLANTS.

The limited space of this Catalogue prevents us from giving a full description of many of the following popular and well-known plants. The list embraces some of the oldest and best known varieties, which should not be overlooked.

- Asclepias linæfolia alba.** 15 cts. each.
Bignonia venusta. 50 cents.
Campsidium filicifolium. 25 cents.
Cestrum parqui. Night-blooming Jasmine. 20 cts. each.
Cheonostemma hispida. A dwarf free-flowering plant bearing small pure white flowers. Pretty for baskets. 15 cts. each.
Echeveria secunda glauca. One of the most desirable plants for carpet bedding. 15 cts. each; \$1.50 per dozen; \$8.00 per 100.
Gardenia Florida (Cape Jasmine). 25 cts.
Fittonia Argyroneura. 25 cents.
Gazania splendens. Bright orange flowers. 15 cts. each; \$1.50 per doz.
Genista fragrans. Spikes of bright yellow flowers, produced in March and April; very fragrant. 25 cts.
Lemon Verbena (Aloysia citriodora). Fragrant foliage. 15 cts. each; \$1.50 per dozen.
Lobelia speciosa compacta. Fine deep blue. 10 cts. each; \$1.00 per dozen.
Lobelia alba maxima. Pure snowy-white flowers. 10 cts. each; \$1.00 per dozen.
Othonna Crassifolia. A desirable basket plant, bearing bright yellow flowers, which are produced in great profusion. 15 cts. each; \$1.50 per dozen.
Oxalis floribunda alba. An ever-blooming variety, used for pots and baskets, white-flowering. 10 cts. each; \$1.00 per dozen.
Oxalis floribunda rosea. Similar to the preceding, with rose-colored flowers. 10 cts. each; \$1.00 per dozen.
Peperomia maculosa. 25 cents.
Plumbago capensis. Light blue. 25 cts. each.
“ larpentæ. Dark blue. 20 cts. each.
Stevia serrata variegata. Leaves edged with white; an effective plant for inside row of ribbon-beds. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

CACTI.

These curious plants have of late become so popular that we have concluded to offer a selection of the best varieties to our customers. They require very little care as to watering, and will grow in any place, whether garden or conservatory. They are especially suitable for the parlor, where, if planted in decorated pots or vases, they will prove an attractive ornament. Some of the varieties have large flowers often measuring half a yard in circumference, while others though smaller are of the most brilliant colors imaginable, white, pink, orange, yellow, carmine, scarlet, lilac, etc.

From our extensive collection, which numbers over 200 varieties, we will send 5 rare Cacti, each one distinct and named, all of blooming size, for \$1.00. Much larger plants for \$2.00.

- 10 scarcer varieties for \$2.50.
 20 fine Cacti, each distinct, a fine collection, \$5.00.
 50 “ “ a beautiful assortment, \$15.00.

Pilocereus Senilis. Very curious indeed, covered with long white hair, \$2.00.

Anhalonium Fisturatum. Most distinct and interesting as if carved in stone, \$1.00.

Other still rarer sorts \$1.00 to \$5.00 each.





PARTIAL VIEW OF ONE OF OUR ORCHID HOUSES AT RIVERTON.

ORCHIDS FOR COOL GREENHOUSE.

These can be grown in any cool greenhouse or pit where the temperature does not fall below 38 or 40°. The time of flowering is given with each variety.

- Brassia Verucosa.** Sepals and petals greenish, blotched with blackish purple; lip white; flowers in May and June. 75 cts. to \$1.00.
- Bletia Tankervillei** (*Phajus Grandiflora*). A well-known variety; producing long spikes of large flowers during the winter months; sepals and petals brownish red, lip white, purple tip, and greenish yellow centre. \$1.00 to \$1.50.
- Bletia Hyacinthina.** A fine species from China, with pretty purple flowers; hardy with protection. 50 cts.
- Cattleya Citrina.** The flowers are of a bright lemon yellow, deliciously fragrant, and are produced singly or in pairs; it blooms from May to August, and lasts for three or four weeks. 75 cts. to \$1.50.
- Cælogyne Cristata.** A magnificent Orchid. The flowers are borne in clusters of six or eight on a drooping raceme. Each flower is three or four inches across. Sepals and petals are undulating and of a pure white color with prominent blotches of yellow on the crest; remain in perfection four or five weeks; February and March. \$2.00, \$3.00 and \$5.00.
- Cypripedium Boxalli.** Upper sepals of a beautiful fresh light green, with a narrow white border, covered with blackish brown spots; inferior sepals light green with lines of very small reddish brown spots; petals light green with dark lines. \$2.00.
- Cypripedium Harrisianum.** Upper sepals broad, shining, dark purple, tipped with white; petals rich purple; lip claret, tipped green. \$2.00 to \$3.00.
- Cypripedium Insigne.** Flowers during midwinter. The blooms will last six weeks; sepals and petals yellowish green, petals tipped with white and spotted brown; the lip is orange and brown. \$1.00 to \$5.00.
- Cypripedium Sedeni.** Sepals greenish white; petals twisted, white edged with purple, lip medium sized, rich crimson shaded with purple winter \$2.50.
- Cypripedium Venustum.** Sepals and petals pink, striped with bright green, lip yellowish green; blooms in winter. \$1.00 to \$1.50.
- Cypripedium Villosum.** Flowers often measure six inches across, and have a fine glossy appearance over their whole surface, which is orange red intermixed with light green and dark purple; May. \$2.50.
- Dendrobium Jamesianum.** A fine species bearing pure white flowers with lip stained cinnabar red; spring and summer. \$3.00.
- Epidendrum Calochitum.** Flowers pale yellow, lip striped with purple; remains in good condition a long time; flowers small. 50 cts.
- Epidendrum Fragrans.** Flowers white, lip striped with purple, remains in beauty over two months; a pretty, sweet scented species. \$2.00 to \$3.00.
- Epidendrum Indivisum.** \$1.00 to \$1.50.
- Epidendrum Luridum.** \$1.00 to \$1.50.
- Epidendrum Myrianthum.** Flowers bright rosy purple, small, in enormous panicles, very sweet scented; flowers during summer or autumn. \$2.50.
- Epidendrum Vittalinum Majus.** Flowers bright orange-scarlet, about 2½ inches in diameter; lip bright yellow, produced on erect spikes of from 10 to 15 flowers each; summer. \$1.00 to \$2.00.
- Lælia Anceps.** Flowers fragrant, two to four inches across; sepals and petals rosy lilac; lip deep purple shaded with rosy lilac; free flowering, and easily grown; December and January. 75 cts. to \$2.00.
- Lælia Albida.** Flowers 1½ to 2 inches across and very fragrant; nearly white, with pale pink lip streaked yellow in centre; December and January. 75 cts. to \$1.50.



LYCASTE SKINNERI.

COOL GREENHOUSE ORCHIDS.

Continued.

Lælia Autumnalis. A lovely and showy Orchid. It produces on spikes its blooms of from six to nine; the sepals and petals are of a beautiful purple color; lip rose and white, with yellow in the centre; the flowers are four inches across; December and January. \$1.50 to \$3.00.

Lælia Autumnalis Atorubens. Flowers rich red-dish or magenta purple, deepest towards the tips of the sepals and petals, especially so on the upper part, while the lower is almost pure white. \$3.00.

Lælia Crawshayana. An interesting plant, supposed to be a natural hybrid, similar in color to *L. Anceps*; flowers in December and January. \$2.00 to \$3.00.

Lælia Majalis. Flowers bright silvery rose, lip blotched crimson purple, and margined rosy lilac; June and July. \$2.00.

Lycaste Aromatica. Flowers yellow, disposed in spikes; free flowering, blooming during winter and spring, and remaining in beauty for weeks. \$2.00.

Lycaste Deppei. Flowers pale greenish yellow, blotched with brown; lip white, spotted with crimson having a golden crest; flowers in spring. 75 cts. to \$1.50.

Lycaste Skinneri. Flowers from four to six inches across; sepals and petals white, more or less suffused with rose; lip rosy lilac, frequently very heavily blotched with the deepest rosy crimson; November to March; \$1.50 to \$2.50.

Odontoglossum Anceps. Flowers of a soft deep yellow, beautifully barred or spotted towards the centre with rich brownish crimson, measuring three to four inches across; winter. \$2.00.

Odontoglossum Alexandræ. Pure white with bright golden spots on the lips; a graceful plant, producing its lovely spikes of bloom very freely when kept quite cool; winter. \$1.00 to \$2.00.

Odontoglossum Bictonense. Flowers about one inch across, yellowish green, transversely barred with brownish purple, lip lilac shaded violet, sometimes nearly white; spikes about 2 feet high with 20 to 30 flowers; flowers in spring. \$1.00 to \$1.50.

Odontoglossum Cervantesii. Flowers two inches across; sepals and petals rosy lilac, barred at the base with crimson-brown; March and April. \$1.00 to \$1.50.

Odontoglossum Citrosimum Roseum. Flowers pure white, delicately lemon-scented, lip deep rose; flowers in May. \$1.00.

Odontoglossum Grande. Flowers 4 to 7 inches in diameter, sepals and petals rich orange yellow, lower half banded and blotched bright chestnut brown, lip creamy white, spotted brown. A beautiful sort. \$1.50 to \$2.50.

Odontoglossum Harryanum. Sepals and petals rich chocolate, handsomely veined golden yellow; pure white lip veined violet. \$3.00.

Odontoglossum Lutea Purpurea. \$1.50.

Odontoglossum Maculatum. \$1.50.

Odontoglossum Pescatrei. Sepals and petals pure white, blotched at the base with purplish crimson and yellow; flowers in spring. \$2.00.

Odontoglossum Rossii Majus. Flowers two inches across, sepals white transversely barred with brown, petals pure white with a few spots at their base; lip white with a lemon-yellow bilobed crest; February. \$1.00 to \$2.00.

Odontoglossum Schlieperianum. Pale yellow blotched and barred with a deeper shade of the same color; flowers in autumn. \$1.50.

Odontoglossum Triumphans. Flowers large and thick in substance, measuring upwards of 3 inches in diameter, sepals and petals bright yellow, blotched with brownish crimson; lip tipped with pure rose color. \$2.50 to \$3.00.

Oncidium Crispum. This species blooms at different times of the year, and lasts in beauty for three or four weeks, producing long spikes of large flowers; the sepals and petals are of a rich coppery color; the lip is the same, but with lighter spots in the centre. \$1.00 to \$3.00.

Oncidium Leuchochillum. Green, transversely streaked with bands of brown and occasionally crimson, lip pure white changing to yellow. \$1.50 to \$2.00.



CATTLEYA CITRINA.

COOL GREENHOUSE ORCHIDS—

Continued.

Oncidium Ornithorhyncum. Flowers soft rosy purple, perfumed like the Heliotrope. The gracefully drooping panicles are thickly laden with bloom; autumn or winter. \$1.00 to \$2.50.

Oncidium Varicosum. Sepals and petals pale green banded with brown; lip large and of a bright yellow

color; produces on strong plants scapes about three feet long with large panicles of from eighty to ninety flowers. \$2.50.

SPECIAL OFFER.

| | |
|------------------------------------------------------|--------|
| 6 plants in 6 distinct varieties, our selection..... | \$7.50 |
| 12 " " 12 " " " " " " | 15.00 |
| 25 " " 25 " " " " " " | 30.00 |
| The entire collection of 44 varieties..... | 50.00 |



CÆLOGYNE CRISTATA.

ORCHIDS FOR TEMPERATE HOUSE.

These can be grown in an ordinary greenhouse where the temperature does not fall below 55° to 60°.

Anguloa Clowesii. Flowers fragrant, sepals and petals concave, clear golden yellow; lip pure white; entire flower tulip-shaped. \$2.00.

Arpophyllum Cardinale. Flowers small on upright spikes about 1 foot high; sepals and petals light rose, lip deep red; flowers in summer. \$1.00.

Arpophyllum Giganteum. Flowers dark purple and rose, densely and symmetrically arranged on cylindrical spikes 12 to 14 inches long; flowers in spring. \$1.00.

Calanthe Veitchii. Flowers rich bright rose, with a white throat, spikes often attaining a height of 3 feet, bearing an immense quantity of flowers; winter. \$2.00 to \$3.00.

Cattleya Amethystina. A lovely Orchid from Brazil bearing flowers of a beautiful shade of amethyst. \$2.50.

Cattleya Amethystoglossa. A beautiful and distinct species growing from 2 to 3 feet, producing spikes of from 6 to 7 flowers, measuring over 5 inches across; sepals and petals light rose spotted with purple; lip deep purple; March to May. \$3.50.

Cattleya Bowringiana. A beautiful small-flowering species of easy growth. It produces bright carmine purple flowers during early winter. \$2.50 to \$3.50.

Cattleya Eldorado. Flowers large, sepals and petals pale pink, lip purplish crimson, stained orange in the throat, serrated edges; August to September. \$2.50.

Cattleya Guttata. Green, tinted yellow and dotted crimson; lip white, stained purple; October and November. \$3.00.

Cattleya Guttata Leopoldii. Flowers very fragrant and more numerous than those of the type; sepals and petals deep chocolate, with dark red spots; lips of a rich red purple. \$4.00.

Cattleya Gigas. Very large flowers; petals and sepals pale rose; large lip of a rich deep purple or crimson violet; distinct yellow blotches; April and May. \$3.00.

Cattleya Gaskelliana. One of the best of this family on account of its free growth and the great beauty and rich coloring of its flowers. \$2.50.

Cattleya Intermedia. Sepals and petals soft rose, lip of the same color, blotched in front with deep violet purple; flowers from May to July. \$1.50 to \$2.50.

Cattleya Labiata. Sepals and petals of a deep rose color, lip large, the front portion being of intense velvety crimson; flowers late in autumn. \$4.00.

Cattleya Lobata. \$2.50.

Cattleya Sanderiana. \$3.00.

Cattleya Skinnerii. Flowers rosy purple, very slightly tinged with purple; base of lip white; flowers in April and May. \$2.00 to \$3.00.

Cattleya Mendellii. Sepals and petals varying from white to a light pink, large and broad; lip large, of a rich magenta color; April and May. \$3.00.

Cattleya Mossiæ. Flowers from 5 to 6 inches across; sepals and petals are of a deep blush or rose color; large lip, of the same shade, in most instances beautifully fringed or crimped around the edge. One of the best; May to July. \$2.00 to \$4.00.

Cattleya Percivaliana. \$2.50.

Cattleya Trianae. The flowers measure 4 to 6 inches in diameter; sepals and petals blush; lip blush, or pale rose color outside; the throat orange, and the front rich purple; winter. \$2.50 to \$3.00.

Chysis Aurea. Flowers yellow, disposed in a small spike; lip marked with crimson; produced at different times of the year. \$1.50.

ORCHIDS FOR TEMPERATE HOUSE

—Continued.

- Chysis Bractescens.** Flowers 2 to 3 inches across; sepals and petals white; lip with a yellow blotch in the centre. \$1.50.
- Coelia Macrostachya.** Flowers red in many-flowered racemes; blooms in April. \$1.50.
- Cymbidium Eburneum.** Flowers deliciously fragrant; very handsome, large, tulip-like; sepals ivory-white; petals and lips stained with yellow. \$5.00.
- Cymbidium Lowianum.** Flowers large; sepals and petals green with a few faint stripes of brown; lip pale yellow with a few brownish purple spots at the base; March. \$3.50.
- Cymbidium Mastersii.** Flowers pure ivory-white, except a stain of pink on the lip, and with a fragrance like that of almonds.
- Cypripedium Argus.** Flowers white, rose green and blackish purple, leaves handsomely tessellated with gray; flowers in March. \$2.00 to \$3.00.
- Cypripedium Barbatum.** Flowers large, the lower portion beautifully flecked with purple, the upper pure white; flowers in summer. \$1.50 to \$2.00.
- Cypripedium Barbatum Superbum.** Similar to the above, but with higher colored flowers and foliage. \$2.50 to \$3.00.
- Cypripedium Caudatum.** A remarkable variety. The flower scapes which rise from the centre of the plant are twelve to eighteen inches long and bear singular flowers. Sepals and petals are yellowish brown. The long tail-like petals often attain a length of thirty inches. \$5.00.
- Cypripedium Concolor Roegneri.** Flowers cream-color, finely spotted; borne in pairs; leaves beautifully variegated. \$3.50.
- Cypripedium Sanderianum.** Flowers large, of a dark maroon color; dorsal sepal and inner lining streaked with brown and yellow, with long pendulent petals of a dark brown, which with its equally dark slipper make it one of the most valuable and distinct of its class. \$5.00 and \$7.50.
- Dendrobium Chrysanthum.** Flowers rich deep yellow, borne in twos and threes on leafy stems; lip fringed, dark, crimson blotch; September. \$2.50.
- Dendrobium Cambridgeanum.** Flowers about 2 inches across, sepals and petals bright orange, with a bright crimson blotch in the centre; flowers in the spring. \$2.50.
- Dendrobium Devonianum.** Sepals and petals soft creamy white tinged with pink; lip white margined with purple and spotted rich orange at the base, and edged with a delicate lace-like frill. \$2.50.
- Dendrobium Fimbriatum.** Rich deep orange flowers, two inches across; margin of lip bordered with a golden moss-like fringe; March and April. \$2.50.
- Dendrobium Heterocarpum Phillippinense.** Very fragrant flowers of a light primrose color, with brown and purple markings. \$2.00.
- Dendrobium Nobile.** One of the best known and easiest grown. The flowers are large, sepals and petals white tipped with rosy pink; lip white, blotched at the base with deep velvety crimson; February to April. \$1.50 to \$3.00.
- Dendrobium Thyrsiflorum.** A showy species, producing splendid clusters of golden yellow and white flowers; a lovely Orchid of easy cultivation; March and April. \$2.50 to \$4.00.
- Dendrobium Wardianum.** Flowers 3 to 4 inches in diameter, 30 to 40 to a bulb; sepals and petals white, upper portions rich bright magenta; lip large, white above, rich orange in the lower part, with two deep spots of crimson magenta; May. \$2.50 to \$3.00.

Gongora Atropurpurea. Flowers dark purple, borne in great profusion on long racemes; flowers in summer. \$1.00.

Gongora Maculata. Flowers yellow spotted with rosy red; blooms in May. \$1.00.

Lælia Dayana. Sepals and petals rosy purple; lip rich purple margined with lilac and white; a handsome free-flowering species. \$2.00.

Lælia Purpurata. Flowers very large; sepals and petals pure white; lip large, often three inches in length, and of a rich deep purplish crimson; blooms during May and June; a grand species. \$3.00.

Leptotes Bicolor. A neat and pretty species with a creeping rhizome which throws up several slender stems which terminate in a fleshy leaf. The flower rises from the base of the leaf and is of a white color streaked with purple. \$2.00.



ZYGOPETALUM MACKAYI.

Mormodes Luxatum. Sepals and petals of a creamy white; lip of same color, with stripes of brown in the centre. \$1.00 to \$1.50.

Odontoglossum Razlii. Sepals pearly white; petals stained with a rich purple at the base; lip large, flat, stained with yellow at the base and streaked with chocolate brown; autumn. \$2.50.

Odontoglossum Vexillarium. The flower-spikes are produced from the side of the bulbs, and bear from five to seven flowers each; sepals and petals rosy pink; lip of the same color. \$2.50.

Oncidium Bicallosum. A showy dwarf-growing species; sepals and petals dark brown; lip bright yellow; winter. \$2.00.

Oncidium Cavendishianum. Flowers yellow, produced in great abundance from strong branching panicles; winter. \$2.00.

ORCHIDS FOR TEMPERATE HOUSE—Continued.

Oncidium Hastatum Roezli. Flowers yellow, dotted brown; lip yellowish white. \$3.00.

Oncidium Incurvum. Flowers pure white, blotched and streaked with lilac and brown. 75 cts.

Oncidium Jonesianum. The elegant flowers are borne on drooping racemes; wavy sepals and petals of a pale greenish straw color, blotched dark brown; pure white lip. The claw has on each side a roundish yellow auricle with small purple dots and a prominent white crest dotted red. \$1.50.

Oncidium Tigrinum. Flowers large, having a violet-like perfume, sepals and petals bright brown, transversely barred with deep yellow; lip rich deep yellow. \$1.00 to \$1.50.

Schomburgkia Tibicina. The blooms are produced on spikes five feet or more in length; each flower measures two inches across; sepals and petals pink, spotted with rich chocolate; lip white with rose color on the sides; flowers during May and June, and lasts in good condition for about six weeks. \$3.00.

Sobralia Macrantha. Growing 6 to 8 ft. high, with flowers 6 inches in diameter, very sweet, of a beautiful rich purple and crimson. \$2.00 to \$3.00.

Trichopilia Suavis. Flowers creamy white, lip yellow in front; of a delicious Hawthorn odor. \$2.50.

Trichopilia Tortilis. A pretty species with peculiar cork-screw-like petals, color of flowers yellowish green with purple and rose-colored spots. \$2.00.

Vanda Cœrulea. This remarkably handsome plant produces upright spikes, each bearing from 8 to 10 flowers, which are nearly 5 inches across; sepals and petals pale blue; lip of a deeper shade of blue; autumn. \$3.50 to \$5.00.

Zygopetalum Mackayi. A very handsome plant, producing long spikes of large flowers during the winter months. The color of the flowers is greenish yellow spotted with brown and lilac. It lasts in perfection for a long time. \$1.50 to \$5.00.

SPECIAL OFFER.

| | |
|------------------------------------------------------|---------|
| 6 plants in 6 distinct varieties, our selection..... | \$15.00 |
| 12 " " 12 " " " " " " | 25.00 |
| 25 " " 25 " " " " " " | 50.00 |

The entire collection of 61 varieties, one of each...125.00

TROPICAL ORCHIDS.

These require the temperature of a hot-house or warm conservatory.

Ærides Affine. A beautiful erect species, bearing erect spikes of light rose-colored flowers, spotted on the lip, with a deeper shade of the same color; flowers in June and July. \$2.50.

Ærides Crispum. A beautiful free-growing kind; the blossoms, which are abundant, are white tipped with pink; June and July. \$2.50 to \$5.00.

Ærides Expansum Leonie. One of the very best sorts. The pendulous scape is 15 inches long, densely crowded with flowers, spotted and stained with pale purple on a white ground. \$4.00.

Ærides Fieldingii. Flowers white, large, beautifully mottled with bright rose. The racemes are 2 to 3 feet long and produce flowers 3 to 4 weeks. \$5.00.

Ærides Maculosum. Flowers large; sepals and petals pale rose color, spotted with purple; lip flat, of a deep rosy purple; June and July. \$2.50.

Ærides Odoratum. Sepals and petals creamy white tipped pink; very fragrant. \$3.00.

Ærides Odoratum Majus. Of same color and habit as *Odoratum*, but with a larger and longer spike of beautiful flowers. \$5.00.

Angræcum Citratum. Flowers creamy white or pale lemon, produced on long racemes from the axils of two-year-old leaves. It often bears 20 flowers on a stem; winter. \$2.50.

Angræcum Ellisii. Flowers pure white, fragrant, about 2 inches across; sepals and petals narrow, reflexed, borne on long racemes; winter. \$2.50.

Angræcum Sanderianum. A free-blooming and pretty winter variety, useful for cutting. Frequently 25 ivory-white flowers are borne on a single stem. \$1.50.

Angræcum Scottiana. Flowers pure white, of delicate texture, distinct; June and July. \$2.50.

Angræcum Sesquipedale. Flowers beautiful ivory-white, on stout, solitary, axillary peduncles, with sepals and petals spreading out like rays, 6 to 8 inches across. \$7.50 to \$10.00.

Cypripedium Bellatulum. A new and grand species which promises to take the foremost rank amongst all the newly introduced varieties; its flowers are marvels of beauty, of a clear white color, spotted with cinnamon brown. \$4.00 to \$5.00.

Cypripedium Cilioflære. A distinct and handsome flower of a brownish-purple color, traversed white and green veins. \$3.50.

Cypripedium Godefroyæ. This is an interesting species; the flowers, which are borne on a hairy purple spotted scape, are white, heavily spotted with chocolate purple. \$3.00 to \$5.00.

Cypripedium Haynaldiana. Upper half of sepals faint rose and white, lower half green, beautifully blotched with brown; inferior sepal pale green slightly spotted brown; lip green; winter. \$2.50.

Cypripedium Hirsutissimum. Flowers often 6 inches across, produced on hairy scapes; sepals and petals green, shaded with purple, and dotted with brown; lip greenish with a profusion of brown dots. \$3.50.

Cypripedium Hookeræ. Sepals and petals yellowish brown; the points of the latter being of a rich rosy purple; pouch brown, suffused with purple; flowers in summer. \$2.00 to \$3.00.

Cypripedium Lævigatum. Bearing from 3 to 4 flowers on each stem; sepals striped inside with purple; petals 6 inches long, very much twisted, beautifully blotched with chocolate, purple and green; lip yellow; spring. \$2.50.

Cypripedium Lawrencianum. A handsome species, with beautiful variegated foliage, having on their inner surface a dark green mosaic on a light green, nearly white ground. Flowers greenish white with dark purple spots and stripes; winter. \$2.50 to \$3.00.

Cypripedium Lowii. \$3.00.

Cypripedium Niveum. Of a soft snowy white, except a few spots of cinnamon scattered over the sepals and petals; foliage dark green on upper side, with lighter markings; under side vinous red; winter. \$2.50.

Cypripedium Parishii. Sepals greenish white, broad; petals 4 to 5 inches long, beautifully undulated, the lower half being of a rich purple; lip purple. \$3.00.

Cypripedium Spicerianum. Upper sepals white with a central line of purple, sepals greenish, with a central line; lip greenish white spotted violet; one of the most beautiful; early winter. \$4.00 to \$6.00.

Cypripedium Stoneii. A superb species; sepals large, white, streaked with dark purple, and tinged with yellow; petals 5 inches long, yellow, streaked and blotched with purple; lip large, purplish, with red veins; winter. \$3.00.

Dendrobium Crassinode. Sepals and petals waxy white, tipped with rich purple; lip purple, with an orange blotch at the base; February and March. \$2.50.

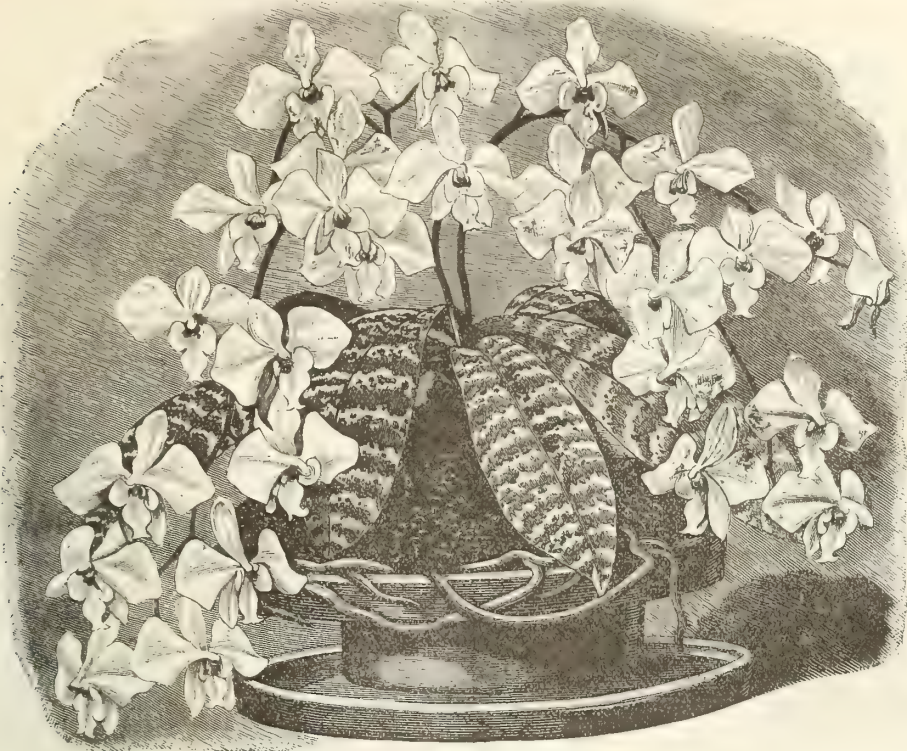
Dendrobium Crassinode Barberianum. \$2.50.

Dendrobium Dalhousianum. Flowers 3 to 4 inches wide, sepals and petals buff shaded pale lemon, lip of same color, with two large dark crimson blotches; margined rosy pink; April and May. \$3.00.

Dendrobium Densiflorum. Flowers rich clear amber; lip orange, delicately fringed; April and May. \$1.50 to \$2.00.

Dendrobium Deareii. A handsome species. The flowers which last several weeks in perfection are pure white, with a slight tinge of green in the throat. \$2.50.

Dendrobium Farmerii. Sepals and petals pale straw-color, delicately tinged with pink; disk of the lip bright orange yellow. \$2.50.



PHALÆNOPSIS SCHILLERIANA.

TROPICAL ORCHIDS—Continued.

Dendrobium Formosum Giganteum. Flowers white, 4 to 6 inches across; lip large, white with orange throat. \$3.00.

Dendrobium Lituiflorum. Sepals and petals rosy purple; lip white, bordered with purple, having a dark purple centre. \$2.50 to \$3.50.

Dendrobium Primulinum. Sepals and petals small, pinkish white; lip downy, very large, shell-shaped, white, with a faint tint of blue; February and March. \$2.00.

Epidendrum Nemorale. Flowers about 3 inches across, freely produced on large drooping panicles; sepals and petals of a delicate mauve; lips striped with violet; flowers in July. \$1.50.

Oncidium Ampliatum. Flowers clear yellow, much paler on the under side, scape 3 feet high; spring and early summer. \$2.50.

Oncidium Kramerii. A pretty species, somewhat like *O. Papilio*; color yellow, heavily spotted brown. \$3.00.

Oncidium Lanceanum. Sepals and petals large, ground color yellow, tinged with green, barred and blotched with chocolate brown; lip large, rich violet in the lower portions, rose above. \$1.50 to \$2.00.

Oncidium Papilio (Butterfly Orchid). Flowers pale golden yellow, barred with chestnut brown, resembling a large butterfly in shape; sepals long, narrow, erect, bearing a resemblance to the antennæ and proboscis of a butterfly. \$2.00 to \$3.00.

Peristeria Elata (Dove, or Holy Ghost Flower). Flowers white, with small lilac specks on the base of the lip, waxy, very sweet-scented, about 1½ inches in diameter; July or August. \$1.50 to \$3.00.

Phalænopsis Amabilis. Flowers often 5 inches in diameter; sepals and petals pure white, of great substance, the lip having a few bright yellow streaks; autumn. \$3.50 to \$5.00.

Phalænopsis Schilleriana. Flowers 2½ inches in diameter, arranged in two rows along the spike; petals

and sepals of a fine rose color; lips rose color and white; spike 3 feet in length, bearing sometimes 100 flowers; winter. \$5.00.

Rodriguezia Secunda. A pretty species, bearing numerous small flowers, which all turn to one side of the spike, and are of a pretty deep rose color, sparkling as if frosted; blooms during the winter. \$1.50.

Saccolabium Blumei. \$3.50.

Saccolabium Cæleste. Petals and sepals tipped sky blue, base of lip blue, the recurved spur also having a blue tint on both sides. \$3.00.

Saccolabium Guttatum. A very handsome species; the flowers are closely set, so as to form massive wreaths; sepals and petals waxy white, spotted deep rosy purple; lip small and of a purple shade; May to August. \$3.50.

Stanhopea Oculata. Flowers large, curiously formed, thick and waxy in texture; the color of the flower is pale yellow spotted with purple; July to September. \$1.50 to \$2.50.

Stanhopea Tigrina. \$1.50 to \$2.50.

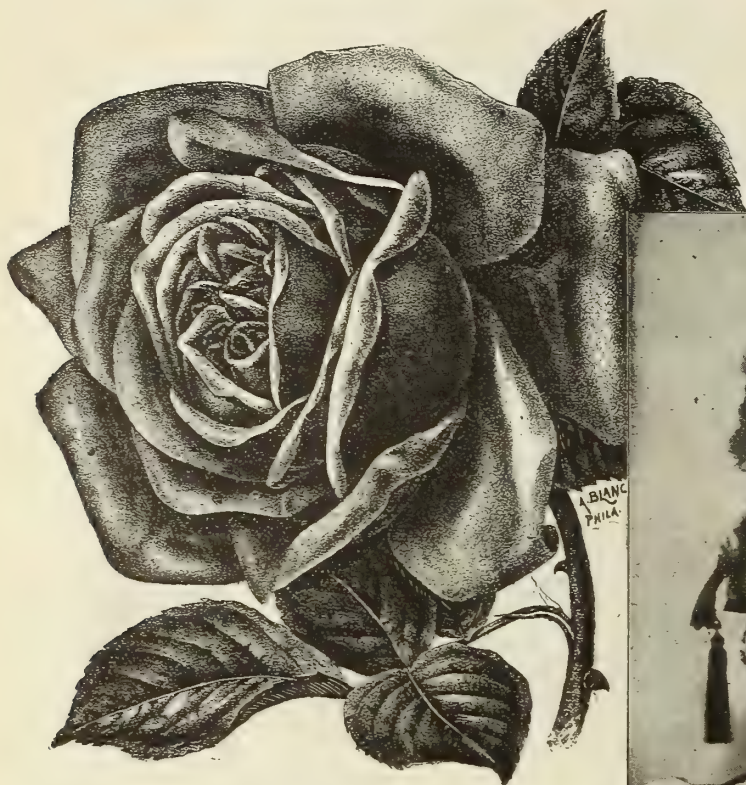
Vanda Suavis. A magnificent species, and one of the finest for exhibition purposes; it is of strong erect habit, with dark green leaves; the sepals and petals are white, freely spotted and barred with rich blood purple; the lip is of a pale rosy purple. \$7.50 to \$10.00.

Vanda Tricolor. A charming free-growing species; the sepals and petals are pale yellow, spotted crimson; lip purple striped with white. It blooms at different times and lasts long in perfection. \$5.00.

SPECIAL OFFER.

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|-----------------------|---------------------------------------------|---------|
| 6 plants in | 6 distinct varieties of our selection for.. | \$15.00 |
| 12 " " 12 " " " " " " | " " " " " " " " | 25.00 |
| 25 " " 25 " " " " " " | " " " " " " " " | 50.00 |

The entire collection of 50 varieties, one of each, for.. 125.00



THE BEST ROSE OF THE SEASON.



Duchess of Albany. (HYBRID TEA.)

We consider this Rose the grandest introduction for many years, either as a Rose for the garden or to force for cut-flowers in the winter. It resembles La France in general appearance, but is larger in size, deeper in color, and of more expanded form. The flowers are of a deep even pink, very large and full, highly perfumed, and in all respects of first quality. The growth of the plant is vigorous, the habit is good, and the flowers, which are thrown up well above the foliage, are produced in extraordinary profusion. We have no hesitation in saying that we believe that this variety will become as popular as its parent, "La France," which at the present time is probably the most fashionable rose.

Plants ready in March. 50 cts. each; \$5.00 per doz.



SOUVENIR DE WOOTTEN.

NEW EVER-BLOOMING ROSES.

SOUVENIR DE WOOTTEN

This is probably the most vigorous growing and freest flowering Hybrid Tea rose in cultivation; it is of a bright crimson color somewhat resembling "American Beauty," and as fragrant as La France; it is of strong erect habit and produces almost without exception one or more flowers on every shoot.

First size, 50 cts.; \$5.00 per doz.
Second " 30 " 3.00 " "

MAD. HOSTE.

Another grand Tea rose, and a variety that will certainly become one of the standard sorts for forcing; in color it is of a whitish yellow, with deep buff yellow centre, large and full; petals are stout, of good substance.

First size, 50 cts.; \$5.00 per doz.
Second " 30 " 3.00 " "

NEW EVER-BLOOMING ROSES—Continued.

MAD. A. DURON.

Very bright clear red, large and full; a vigorous grower and free bloomer.

30 cts. each; \$3.00 per doz.

MAD. PHILEMON COCHET.

A very thrifty, strong growing tea rose, producing cup-shaped flowers in the greatest profusion. Color rose, shaded with salmon, and suffused with a lighter shade. This will undoubtedly take front rank as a bedding rose, as it combines a strong growth with fine flowers produced in profusion.

30 cts. each; \$3.00 per doz.

CLIMBING NIPHETOS.

A sport from Niphetos, retaining all the characteristics of the parent variety, except that it is of a strong climbing habit, frequently sending out shoots that attain a length of 20 feet. 50 cts. each.

PRINCESS SAGAN.

A very strong, vigorous tea rose, flowering in the greatest profusion, producing medium sized buds and flowers. Color bright crimson velvet, shaded with scarlet; a most remarkable color among Tea roses.

30 cts. each; \$3.00 per doz.



Mrs. John Laing.

One of the most perfect Hybrid Perpetual roses in cultivation, beautiful in color, free in flowering, a vigorous grower, of elegant shape and very fragrant; color of a soft delicate pink with a satin tinge; the flowers are large, finely shaped and of exquisite fragrance; it is a vigorous grower, every shoot producing a magnificent bloom; it is remarkably profuse in producing its bloom even until late in the autumn.

First size, 50 cts.; \$5.00 per doz.

Second " 30 " 3.00 " "

EVER-BLOOMING ROSES OF SPECIAL MERIT.

ETOILE DU LYON (Tea). This is considered one of the finest yellow bedding roses for outside planting. It is, moreover, one of the hardiest roses in the Tea section. It blooms freely, and every flower is a gem. It equals M. Niel in size, and is of a deep chrome yellow. A remarkable rose, deserving extensive culture.

First size, 30 cts. each; \$3.00 per dozen.

MARIE GUILLOT (Tea). One of the best white ever-blooming roses; of large size, rich tea fragrance, and most prolific flowering. A grand summer rose.

30 cts. each; \$3.00 per dozen.

SOUVENIR DE LA MALMAISON. This variety when used as a bedding rose in summer produces the most perfect flowers in the hottest weather. Its rich, flesh-colored flowers are of immense size, and are produced in abundance, and have the requisite form and substance to withstand our hot, dry summers. Exquisitely fragrant.

First size, 40 cts. each; \$4.00 per dozen.

Second " 30 " " 3.00 " "



LUCIOLE.

LUCIOLE (Tea). Very bright carmine rose, tinted and shaded saffron yellow, base of petals coppery yellow. A lovely sort, combining all the good characteristics of a good forcing rose. Buds are large and full, equalling C. Mermet in size, and are very fragrant.

30 cts. each; \$3.00 per dozen.

MAD. ETIENNE (Tea). A profuse-blooming sort, bearing large, full and very fragrant buds of a rosy pink color. The edge of the petals shades off to light rose; centre occasionally shows a rich blush. A good forcing and garden variety.

30 cts. each; \$3.00 per dozen.

METEOR. A rich, dark velvety-crimson Hybrid Tea; a free bloomer and vigorous grower, showing no tendency to mildew. Does not run single during summer, and as a garden rose it will prove invaluable. We cannot recommend it as a good forcing variety.

30 cts. each; \$3.00 per dozen.

M'LE. C. PERREAU. A seedling from S. de Un Ami, but of larger size and better form than its parent. Habit of plant vigorous and productive. The flowers are of a bright rose color with a silvery shade. This sort will prove valuable either in or out-doors.

30 cts. each; \$3.00 per dozen.

PRINCESS BEATRICE (Tea). A magnificent yellow Tea Rose, equalling in size the Catharine Mermet. The flowers, which are carried on long, stiff stems, are of perfect form and a lovely shade of golden yellow with a slight tint of pure rose on the edge of the petals. A distinct and charming sort.

30 cts. each; \$3.00 per dozen.

MAD. WATTEVILLE (Tea). A remarkably beautiful rose, of good and thrifty habit; the petals are of heavy texture, and a rich creamy white color, edged and feathered bright rose, and delightfully fragrant.

30 cts. each; \$3.00 per dozen.



MARECHAL NIEL.

MARECHAL NIEL. We offer a fine stock of this superior climbing rose, which for fragrance, beauty and size is still without a rival. The bright golden-yellow flowers of this variety are familiar to every one. Where it will withstand the winter, it should certainly be planted.

Extra strong canes, 8 to 10 ft. long, \$2.50 each.

First size, strong budded plants, 75 cts. each; \$7.50 per dozen.

Second size, strong plants, 3 ft. long, 50 cts. each; \$5.00 per dozen.

Third size, strong plants, 2 ft. long, 30 cts. each; \$3.00 per dozen.

HERMOSA. Probably no rose is better known and more appreciated than Hermosa. Its perfect hardiness, its persistency to bloom under the most trying circumstances, its pretty double pink flowers, render it a general favorite, and an invaluable plant in every garden. The continued increasing demand for this variety has induced us to prepare an extra large stock.

Extra large plants, 50 cts. each; \$5.00 per dozen.

First size " 40 " " 4.00 " "

Second " 30 " " 3.00 " "

Third " 15 " " 1.50 " "



DINSMORE.



GLOIRE DE MARGOTTIN.

Roses of Special Merit.

BARONESS ROTHSCHILD (Hybrid Perpetual). A most magnificent hardy rose; flowers about 5 inches in diameter and of an exquisite shade of satiny pink. The heavy foliage comes close up to the back of the flower, forming an effective background of green, thus giving the effect of a lovely bouquet rather than a single flower.

First size, 50 cts. each; \$5.00 per doz.
Second " 40 " " 4.00 " "

DINSMORE. A vigorous and free-blooming rose, perfectly hardy and bearing profusely large perfectly double flowers of a rich scarlet-erimson color. It is an incessant bloomer and a rose that will meet the wants of all rose fanciers.

50 cts. each.

GLOIRE DE MARGOTTIN (Hybrid Perpetual). Dazzling red, the most brilliant yet known; large, full, finely formed globular flowers; growth very vigorous, one of the most distinct hardy garden roses in cultivation, and can be specially recommended for its vigor of growth, freedom of blooming and hardiness; fine strong plants.

\$1.00 each.

GEN. JACQUEMINOT (Hybrid Perpetual). We offer an extra fine stock of this most popular of all the hardy roses; its exquisite shape, delightful fragrance and bright rich glowing crimson color, together with its freedom of flowering, still places this in the front rank among the hardy roses.

Extra strong plants, 75 cts. each; \$9.00 per doz.

First size, 50 " " 5.00 " "
Second " 30 " " 3.00 " "

GRAND MOGUL (Hybrid Perpetual). A seedling from A. K. Williams, producing flowers of a deep brilliant crimson, shaded with scarlet and black; in dull weather and late in summer and autumn the flowers are darker, approaching to maroon. They are large, full, of perfect, symmetrical shape, and produced in great profusion; the foliage is large and of firm texture. It has been admired wherever shown, and is destined to take first rank as a grand decorative rose. It produces exhibition blooms of the highest excellence, and has received a first-class certificate from the Royal Horticultural Society.

50 cts. each.

LA FRANCE (Hybrid Tea). Probably the most popular pink rose of its class in cultivation; color beautiful satin rose, very large, full, fine in form, either in bud or open; a constant bloomer and the sweetest of all roses.

First size, 50 cts. each; \$5.00 per dozen.
Second " 40 " " 4.00 " "
Third " 30 " " 3.00 " "

MAD. GABRIEL LUIZET (Hybrid Perpetual). One of the finest light colored roses in cultivation; it is of a soft silvery pink color of a most beautiful tint, flowers large and full, cupped and very sweet.

First size, 50 cts. each; \$5.00 per doz.
Second " 40 " " 4.00 " "

MERVEILLE DE LYON (Hybrid Perpetual). A pure white hardy rose of the same class as Baroness Rothschild. The flowers are immense in size, symmetrical in form and very double. The beautiful heavy foliage comes close up to the flower, making every shoot a bouquet in itself.

First size, 50 cts. each; \$5.00 per dozen.
Second " 40 " " 4.00 " "

METEOR (Hybrid Tea). A rich, dark velvety-crimson hybrid Tea; a free-bloomer and vigorous grower, showing no tendency to mildew. Does not run single during summer, and as a garden rose it will prove invaluable, and cannot be too highly recommended.

First size, 50 cts. each; \$4.00 per dozen.
Second " 30 " " 3.00 " "

QUEEN OF QUEENS (Hybrid Perpetual). A strong vigorous-growing garden rose, with large full flowers of perfect form and true perpetual flowering, every shoot being crowned with a flower bud; color bright pink with blush edges.

First size, 50 cts. each; \$5.00 per dozen.
Second " 40 " " 4.00 " "

ULRICH BRUNNER (Hybrid Perpetual). A splendid rose, either for the garden or forcing. It is a seedling from Paul Neyron, introduced about eight years since, but its good qualities have but recently been properly recognized; it is of a rich glowing crimson-scarlet color, produces flowers of exquisite shape; it is a strong vigorous grower and free continuous bloomer; a rose that should be in every garden.

First size, 50 cts. each; \$5.00 per dozen.
Second " 40 " " 4.00 " "
Third " 30 " " 3.00 " "



CATHERINE MERMET.



PAPA GONTIER.

TEA ROSES. GENERAL COLLECTION.

The tea-scented ever-blooming Roses are admired for their delicious fragrance, free blooming qualities and the exquisite shapes and coloring of their flowers. They make excellent bedders, and yield a succession of bloom through the entire season.

Bon Silene. Brilliant carmine rose; a well-known and favorite variety.

Catherine Mermet. Bright flesh color, full and beautiful; one of the most lovely of its color.

Countess de la Barthe, or Duchess de Brabant. One of the most valuable bedding varieties, of a beautiful silvery pink color, very fragrant.

Countess Riza du Parc. A grand rose of strong, vigorous growth, color bright coppery rose, shaded violet crimson.

Comtesse de Freigneuse. A charming yellow Tea Rose, very fragrant; the buds are long and pointed, nearly equal in size to Perle des Jardins, and are of a light yellow color, somewhat similar to M. Niel.

Chas. Rovolli. Beautiful tender rose, with deeper centre, large and double; a free and continuous bloomer.

Devoniensis. Pale yellow, large and full.

Etoile du Lyon. Fine striking sulphur yellow, deeper in the centre, beautiful, open bloom; the most valuable yellow rose for summer bedding.

Homere. Tender rose with salmon centre; a most desirable out-door sort.

Louis Richard. Orange yellow, shaded with coppery red; a fine large double flower; quite hardy.

Mad. Camille. Fine light rose, large, globular flowers; full and double.

Mad. de Watteville. Creamy white, each petal bordered light rose like a tulip, a lovely color and shape.

Mad. Dubrocca. A splendid rose; extra large, full flowers, and finely formed buds; color clear salmon, delicately tinged and shaded with carmine.

Mad. Cussin. Flowers of medium size, of a rosy purple color, base of petals and centre of flower almost white, one of the prettiest roses grown.

Mad. Scipion Cochet. Color a soft primrose yellow, with rose shadings; deliciously fragrant, very unique in the size and shape of its buds.

Mad. Joseph Schwartz. Light salmon rose, changing when fully expanded to creamy white; one of the most valuable summer flowering varieties.

Mad. Margottin. Dark yellow with rosy centre; an old and well-known favorite.

Mad. Welche. Light yellow with dark orange centre, very large, full and of fine form.

Marie Guillot. White, slightly tinted with lemon, very large, finely shaped flowers; a valuable rose.

Marie Van Houtte. Creamy white, occasionally tipped with rose, one of the very best summer bedding roses.

Niphotos. Pure white, full, fragrant, magnolia-like petals; a general favorite.

Papa Gontier. Exceedingly free-flowering; one of the finest roses either for out-of-doors or for winter forcing. The blooms are large and long, and of a dark carmine crimson.

Perle des Jardins. Beautiful rich yellow, of large size and perfect form.

Safrano. Saffron yellow, beautiful in the bud; a well-known favorite.

Souvenir d'un Ami. Bright rose, of large perfect form, fragrant, flowers in clusters; one of the best pink roses.

Sunset. Of large size and perfect shape; it is of a rich shade of saffron and orange.

The Bride. A lovely pure white rose of the Mermet type; it is very full and double, free-flowering and excellent either for forcing or for summer planting.

Vallee de Chamounix. White, with copper-colored centre; reverse of petals yellowish white.

Viscountess Folkestone. White, tinged with salmon pink, slightly cupped and delightfully fragrant.

Wm. Francis Bennett. An admirable forcing rose; its rich, glowing crimson color and charming fragrance, combined with large size and correct shape, have rendered it a general favorite.

First size, 30 cts. each; \$3.00 per doz.; set of 30 var. \$6.00.
Second " 15 " " 1.50 " " " " " 3.00.



AMERICAN BEAUTY.



GENERAL JACQUEMONT.

HYBRID PERPETUAL ROSES.

In the list offered we believe that the range of color comprises all the distinct and really valuable shades. Many sorts have been left out, not because they are of no value in themselves, but that the sorts listed are superior in size, hardiness, vigor, productiveness or some other characteristic that is necessary to make a good rose.

The best effects are produced where masses of few colors are used, thereby avoiding the uneven and checker-board appearance of a body of miscellaneous varieties, whose demand for favor lies simply in that they are "different."

Alfred Colomb. A splendid rose; large, globular, full, and very sweet; bright clear cherry red, shaded with crimson.

American Beauty. An excellent rose for forcing or open air. The flowers are very double, of a deep crimson color, and very fragrant. Its blooming qualities are remarkable, as it is scarcely ever out of flower, and is a true type of what a Hybrid Perpetual Rose should be.

Anna de Diesbach. Clear bright carmine; very large and finely shaped, full and fragrant.

Baron de Bonstettin. Dark red, almost black; very large, double, fragrant flowers; a strong grower.

Baron Prevost. Pale rose, large and full.

Baroness Rothschild. A magnificent rose; flowers extra large, full and globular; color rich silvery white, delicately tinged with pale blush; rare and exquisitely beautiful.

Beauty of Waltham. Cherry carmine, cupped, large and full.

Boule de Nieve (Ball of Snow). A pure white rose of good substance, of fine form and medium size.

Chas. Lamb. A lovely clear bright red. Very beautiful in bud. A continuous bloomer.

Camille Bernardin. Deep red; free and fragrant.

Captain Christy. A lovely rose, blooming almost the entire season; very large double buds of a deep flesh color; strong grower and grand foliage.

Chas. Lefebvre. Bright velvety scarlet, petals smooth and thick; beautifully formed.

Countess of Oxford. Bright carmine red; shaded. A large and full rose.

Coquette des Alps. White, full, of fine form; very free.

Diana. Fine clear deep pink; large, very double and of cupped form.

Duke of Albany. Vivid crimson when first opening, changing to a velvety black; large and full; a good autumnal bloomer.

Duchess of Bedford. Dazzling light scarlet crimson, perfectly globular and of large size.

Duke of Edinburgh. Brilliant scarlet crimson, shaded with maroon, large and full, one of the best.

Eugene Furst. Velvety crimson, shaded with deep crimson; large and full, of good shape; a fine rose.

Fisher Holmes. Rich velvety crimson, large double, and of fine form; a splendid rose.

Garden Favorite. Bright pink, large and full; a very free bloomer.

Geant des Batailles. Bright scarlet crimson.

General Jacquemont. Brilliant scarlet crimson, a most superb and glowing color; large flowers.

General Washington. Very double crimson.

Helen Paul. Very large and fragrant, globular, pure white, sometimes tinted rose.

Her Majesty. Of immense size, perfect symmetry, and a lovely shade of rose pink-tinted flesh color. The claims made for it as a forcing rose have hardly been borne out, but we consider it extremely valuable as an out-door rose.

Heinrich Shultheiss. Delicate pinkish rose, large, full, and sweet.

Jean Liaband. Rich velvety crimson, reflexed with dark carmine.

John Hopper. Bright rose, carmine centre; flowers large, cupped, and well formed.

Jules Margottin. Bright carmine, cupped; very fragrant; a splendid variety.

La France. Splendid satin rose; very large, full, fine form; a constant bloomer. The sweetest of all roses, and none can surpass the delicacy of its coloring.

Lady Sheffield. A large and full flower, of a brilliant rosy cerise color.

Lady E. Peel. White tinted rose.

La Reine. Rosy pink, tinged with lilac.

Lord Bacon. Deep crimson, illumined with scarlet and shaded velvety black; a large and globular flower.

HYBRID PERPETUAL ROSES—*Continued.*

Louis Van Houtte. Bright crimson, shaded black.

Mabel Morrison. Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.

Mad. Gabriel Luizet. Fine satiny rose, very large and full; growth vigorous.

Mad. de Cambaceres. Rosy crimson, large and full; a free bloomer.

Magna Charta. Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

Maria Bauman. Brilliant carmine crimson, large and fragrant.

Mad. Chas. Wood. Vivid crimson, large and full.

Mad. Marie Finger. Bright flesh colored rose, deeper in the centre.

Marie Rady. Splendid crimson scarlet.

Merveille de Lyon. Pure white, shaded with satiny rose: flowers 4 to 5 inches in diameter, double, and of a beautiful cup shape.

Mons. Boucenne. Dark velvety crimson, large, full and of fine form.

Paul Neyron. Very large dark rose; by far the largest rose in cultivation; one of the most desirable. 50 cts.

Paul Verdier. Large clear rose, of beautiful form.

Perle des Blanches. Pure white, vigorous and free; blooms in clusters.

Prince Camille de Rohan. Deep velvety crimson maroon, shaded with red.

Pæonia. Clear bright rose.

Queen of Queens. Pink with blush edges; large and full blooms; a true perpetual flowering rose. An excellent garden variety.

Souv. de Chas. Montault. Fiery red.

Star of Waltham. Rich deep crimson, large and double.

Ulrich Brunner. Bright cerise red; flowers large and full, and in all respects a first-class rose.

Victor Verdier. Rosy carmine, purplish edges; a large showy free-blooming rose, of good quality; very effective.

White Baroness. Pure white; a splendid bloomer.

Xavier Olibo. Dark velvety purple, shaded amaranth.

First size, 40 cts.; \$4.00 per doz; set of 58 var., \$15.00.

Second " 30 " 3.00 " " " 58 " 12.00.

Third " 20 " 2.00 " " " 58 " 9.00.



MAGNA CHARTA.



MAD. GABRIEL LUIZET.

MOSS ROSES.

A class of Roses which is a general favorite. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

Blanche Moreau. Lovely pure white, large and full.
Comtesse de Murinais. Large white, beautifully mossed.

Henry Martin. Fine crimson, very vigorous.

Little Gem. Dwarf habit, small double crimson flowers, finely mossed.

Luxembourg. Bright crimson scarlet.

Princess Adelaide. Bright rosy pink; large.

William Lobb. Purplish violet.

First size, 40 cts. each; set of 7 for \$2.50.

Second " 30 " " " 7 " 1.75.



TYPE OF MOSS ROSE.



BARONESS ROTHSCHILD.

TWELVE HARDY GARDEN ROSES.

The following selection of Hybrid Roses can be especially recommended for general out-door planting; the most popular varieties are included, and the selection has been made with a view of giving range of color, vigor of habit, freedom of bloom, size of flower and fragrance.

Alfred Colomb. Large, full, and very sweet; bright clear cherry red, shaded crimson.

Anna de Diesbach. Clear bright carmine; very large and finely shaped, full and fragrant.

Baron de Bonstettin. Dark red, almost black; very large, double, fragrant flowers.

Baroness Rothschild. Flowers extra large, full and globular; color rich silvery white, delicately tinged with pale blush.

Captain Christy. Very large double buds of a deep flesh color; strong grower and grand foliage.

General Jacquimenot. Brilliant scarlet crimson, large and very beautiful.

La France. Splendid satiny rose; large and sweet.

Merveille de Lyon. Pure white, shaded satiny rosy.

Paul Neyron. Very large dark rose.

Queen of Queens. Pink with blush edges; large and full; a true perpetual rose.

Ulrich Brunner. Bright cerise red, a large and full rose, and first-class in all respects.

Victor Verdier. Rosy carmine, purplish edges; a large, showy and free-blooming rose; effective.

Extra selected plants, 50 cts.; set of 12, \$5.00.

Strong plants, 40 " " " " 4.00.

DAMASK ROSES.

These four old roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

Madame Hardy. A strong and vigorous Damask Rose, bearing beautiful large double white flowers.

Madam Plantier. A Hybrid China, which for hedges or cemetery use is still unrivalled. Pure white and a free bloomer. 25 to 50 cts. each.

Leda, or Painted. A beautiful Damask Rose; large and full rose shading to blush on the margin of the petals.

White Provence. A lovely pure white, large and full rose; delightfully fragrant.

50 cts. each; \$5.00 per dozen.

POLYANTHA, FAIRY OR MINIATURE.

An entirely distinct type of Roses, which bears its small and beautifully shaped flowers in clusters of 20 to 30 on each branch. The plants when well grown present a mass of bloom, and are excellent for summer bedding or winter pot-culture.

Little Pet. Flowers about 1½ inches in diameter, opening blush, but changing to pure white; a free, vigorous grower and abundant bloomer; one of the very best of this class.

Mlle. Cecile Brunner. Bright rose, yellow in the centre, flowering in clusters; very sweet.



MIGNONETTE.

Mignonette. Very prolific, blooming incessantly in flat corymbs; color blush-white, shading to rosy pink.

Mad. Parquerette. Very dwarf and free branching, pure white.

Miniature. About the size of a double violet; very fragrant and of pure white color.

Perle D'Or. Peculiar and pleasing shade of reddish salmon; very free-flowering.

First size, 30 cts. each; set of 6, \$1.50.

Second " 15 " " " 6, 75 cts.

HARDY EVER-BLOOMING ROSES.

The brilliant colors and hardy habits of this class, combined with freedom of blooming, render them specially valuable for massing. They are also desirable for growing in the house. A slight protection of leaves or straw will enable them to stand the severest weather.

Appoline. Full and fragrant, a strong grower, of a deep pink color.

Agrippina (Queen's Scarlet). Deep scarlet crimson.

Cels. Beautiful blush.

Camoens. Bright peach color.

Hermosa. Light pink; very free-blooming.

Marie Lambert. Pure white, of fair size, and very free, equalling Hermosa in freedom of bloom.

First size, 40 cts. each; \$4.00 per dozen; set of 8 varieties, \$3.00.

Second " 30 " " 3.00 " " " 8 " 2.00.

Third, " 15 " " 1.50 " " " 8 " 1.00.

Pierre Guillot. Bright dazzling crimson, passing to carmine; flowers large, very double and full, and highly scented; a healthy and vigorous grower.

Red Souvenir de Malmaison. Large flowers, beautifully imbricated, perfect form; color bright glowing crimson, rich and velvety, highly scented.

Souvenir de Malmaison. Blush, very large, double and fragrant; a leading summer variety.



TENDER CLIMBING OR PILLAR ROSES.

The varieties enumerated below are not hardy in this latitude except in favored positions, or with careful protection; they are all especially adapted to covering rafters and posts in greenhouses.

Chromatella (*Cloth of Gold*). Golden yellow.

Climbing Devonensis. Creamy white, of lovely form.

Gloire de Dijon. Blush and yellow; an old favorite. 20 cts. to \$1.50 each.

Lamarque. Creamy white.

Reine Marie Henriette. Rich cherry crimson, finely shaped buds.

Marechal Niel. Bright golden yellow; large and fine form, with thick leathery petals, opening well, very fragrant. 20 cts. to \$1.00 each.

Solfatere. Fine shade of yellow.

White Banksia. White small flowers; very fragrant.

Yellow Banksia. Yellow small flowers; very fragrant.

First size, 40 cts. each; \$4.00 per doz.: set of 9, \$3.00.

Second " 30 " " 3.00 " " " 9, 2.25.

Third " 20 " " 2.00 " " " 9, 1.50.

HARDY CLIMBING OR PILLAR ROSES.

The following list comprises the best of the hardy roses which are of climbing habit, and suitable for training on pillars, verandas, etc.

Baltimore Belle. Blush, of medium size, flowers in clusters.

Gem of the Prairies. Rich rose color, very fragrant.

Gloire de Rosamene. Bright crimson, semi-double handsome buds.

Grevillea, or Seven Sisters. Flowers in clusters, opening at first of a light rose color, changing to pure white.

Prairie Queen. Deep rose, hardy and desirable.

Setina, or Climbing Hermosa. Bright pink, very free blooming.

Sweet Briar. Rosy pink.

Waltham Climber. No. 1. Bright crimson. The three Waltham climbers are entitled to the claim of being autumnal flowering.

Waltham Climber. No. 2. Rosy crimson, fragrant.

Waltham Climber. No. 3. Dark crimson.

Washington. Pure white, very free.

W. A. Richardson. Orange yellow, an entirely new shade in roses; very desirable.

White Microphylla. Small white flowers in clusters.

White Musk Cluster. Pure white; very fragrant.

Yellow Persian. Bright golden yellow, the only hardy yellow climbing rose in cultivation.

First size, 40 cts. each; \$4.00 per dozen.

Second size, 30 cts. each; \$3.00 per dozen. Third size, 20 cts. each; \$2.00 per dozen.

ROSA RUGOSA.—The Ramanas Rose of Japan.

The lovely Ramanas or Rugosa Roses receive in their native country—Japan—the highest favor. From them was made a favorite perfume of the court ladies. They form sturdy bushes 3 to 5 feet in height, covered with handsome, glossy green foliage, surmounted with clusters of beautiful single flowers, which emit a delightful odor. They continue to bloom nearly the whole summer, and are covered during autumn and winter with bright red seed pods (heps). In dry and sandy soils or rough situations they thrive and blossom and make beautiful what would otherwise be an annoyance. The double variety is by no means beautiful, and we therefore do not list it.

Rugosa. Beautiful glossy crimson.

Rugosa Alba. Pure white.

40 cts. each; \$4.00 per dozen.

ORNITHOGALUM ARABICUM.

The flowers are large and attractive, of a pure milk white color, with a shiny black spot in the centre. It blooms readily in the house. The individual blossoms are fragrant, in size are as large as a 25-cent piece, and are borne in umbels 4 to 6 inches across. They are also remarkably durable, retaining their beauty for several days.

10 cts. each; \$1.00 per dozen. Postpaid, \$1.15 per dozen.



ROSA RUGOSA.

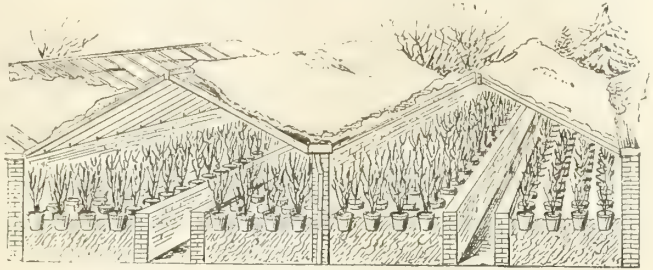
THE CULTIVATION OF ROSES.

IN submitting our revised list of Roses to our friends and customers, we feel justified in saying that our plants this season are the largest and finest we have ever offered; the flattering letters received from many of our patrons, as to the satisfactory results obtained from stock purchased of us, have made us feel that our efforts to send out good and reliable plants are appreciated.

The young Roses that have been propagated during the winter from healthy parentage are planted out in April or May in ground which has been deeply plowed, as well as liberally manured, where they are cultivated until early in November, when the plants are carefully lifted, potted and stored during the winter in cold houses at our Riverton Nursery, as shown in illustration. Pot-grown plants of sorts best suited to this method are also cultivated at our Riverton establishment, and stored away during the winter in Rose pits.

This treatment is especially desirable for plants intended for out-door planting; it gives the Roses their natural season of rest, enables the grower to plant early in the spring before the foliage develops, and places them in a condition for starting off vigorously and naturally, thus avoiding the risk of diseases that attack plants grown in high temperature in forcing houses.

This treatment we find specially adapted for Hybrid Perpetual Roses, as we are enabled to furnish our customers plants that will bloom when set out in the open ground, which by the old method was nearly an impossibility, as the high temperature, unavoidable where fire heat was used, pushed them into bloom before it was safe to plant out-of-doors. Roses taken from a high temperature and subjected to the cool night air of the early spring months are invariably checked and the flowers ruined.



SECTIONAL VIEW OF ROSE PITS WITHOUT FIRE HEAT.

WINTER FORCING.

Young plants of the tea varieties may be planted on the benches between May and October in 6 inches of soil that has been specially prepared from sod taken from old pasture lands. No fertilizing material is given until the plants become well established. The best material for a stimulant is liquid manure, made from cow manure or guano, the latter to be applied carefully, say every week. Bone dust worked into the soil is a good fertilizer and lasting in its effect. By this method of growing the flowers attain large size and perfect coloring. The old way of growing the plants into large size before planting on the benches is still practiced by many and fine blooms obtained, though by using small plants as indicated less labor is required with equally good results.

Unceasing care is necessary that the proper degree of fertility and moisture is kept up, and that the temperature is not allowed to fall to the point where the plants will be chilled and subjected to an attack of mildew.

GARDEN CULTIVATION.

Preparation of the Ground.—Roses will grow in any fertile ground, but are much improved in bloom, fragrance and beauty by rich soil, liberal manuring, and good cultivation. The ground should be subsoiled and well spaded to the depth of a foot or more, and enriched by digging in a good coat of cow manure or any fertilizing material that may be convenient. Renew old beds by decayed sods taken from old pasture land.

Planting.—When the ground is thoroughly prepared—fine and in nice condition—put in the plant slightly deeper than it was before, spread the roots out evenly in their natural position, and cover them with fine earth, taking care to draw it closely around the stem, and pack firmly down with the hand. It is very important that the earth be tightly firmed down on the roots. Budded Roses should be planted three inches below the bud. Always choose the most favorable time for planting in your own locality. Roses can be planted as soon as convenient after the frost is over. They can be sent with entire safety, regardless of the season. Always select an open, sunny place, exposed to full light and air. Roses appear to best advantage when planted in beds or masses.

Watering.—If the ground is dry when planted, water thoroughly after planting, so as to soak the earth down below the roots, and, if hot or windy, it may be well to shade for a few days. After this not much water is required unless the weather is unusually dry. Plants will not thrive if kept too wet and without drainage.

Pruning.—In most seasons it is best to prune established plants of hardy kinds in March. Tender varieties (such as the Tea Roses) and newly planted Roses may be left till a month later. As a general rule close pruning produces quality, and long pruning quantity of bloom. Climbing, Weeping and Pillar Roses should not be cut back; but the tips of the shoots only should be taken off, and any weak or unripe shoots cut out altogether.

FALL AND WINTER TREATMENT.

Fall Treatment.—In the fall the Rose beds should have a good dressing of stable manure, or any fertilizing material that is convenient. The winter rains will carry the strength down to the roots, and the remaining matter makes a nice mulch, which in many places is all the protection that is necessary. In very cold localities it is a good plan to cover the beds all over with old sods, fresh earth, or coal ashes, from three to six inches deep. Where the winters are not very severe tender Roses may be nicely covered with clean Rye straw, forest leaves, or evergreen branches, but care must be taken not to put it on too thick; the covering should permit considerable circulation of air, and should not retain water; and nothing should be used that will ferment, heat or rot. The object of covering is not to keep the plants warm, but to break the force of sudden and violent changes, particularly in March, when the plants should be protected from the sun, rather than cold: the sudden thawing of the frozen wood doing the damage.

Winter Treatment.—Whatever covering is used, it should not be put on till late in the season, when the plants are well matured and severe weather close at hand; moderate freezing is not injurious. It should be understood that a certain degree of growth and development is necessary to enable even Hardy Roses and plants to bear Northern winters. If newly planted just before cold weather, they cannot bear the winter; they must be planted early enough in the season to make considerable growth and get well established before cold weather begins, otherwise they will most likely be winter-killed, in spite of any protection that can be given. In places where the winters are not more severe than at Philadelphia, many varieties of the Ever-Blooming Roses are nearly hardy, and we think the best way to treat them is to leave all in open ground, and give whatever covering may be convenient. Experience proves that the loss will be as light in this way as any other, and it is much the least trouble.

When to Uncover.—Do not uncover in the spring till frost has left the ground and there is a prospect of reasonably settled weather. When uncovered the plants should be carefully pruned, and the beds dug and raked.



ARISTOLOCHIA SIPHO.

A vigorous and rapid growing climber, bearing singular brownish colored flowers, resembling in shape a Dutchman's pipe. Its flowers, however, are of little value beside its fine light green leaves, which are of very large size, and retain their color from early spring to late fall. The plant grows very quickly, and soon makes a dense shade. For arbors or trellises, or for making a screen, it is invaluable. It readily attains a height of 20 feet and is perfectly hardy.

50 cts. each; \$5.00 per doz. Extra strong plants \$1.00 each.

AMPELOPSIS VEITCHI.

An entirely hardy Ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of 50 feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive-green brown color, changing to bright scarlet in the autumn. As the plant acquires age the leaves increase in size. This variety becomes more popular every season, and is without question one of the very best climbing plants for covering brick or stone walls that can be grown.

25 cts. each; \$2.50 per doz. Extra large 50 cts. each; \$5.00 per doz.

AMPELOPSIS QUINQUEFOLIA.

(Virginia Creeper.)

A very rapid grower, with large dark green foliage, which changes in the fall to scarlet. A very desirable vine for covering arbors, verandas, etc.

25 cts. each; \$2.50 per doz.

AMPELOPSIS ROYALI.

Identical in habit of climbing with A. Veitchi, but with larger foliage and of a more vigorous habit, coloring to a brighter crimson in the autumn.

25 cts. each; \$2.50 per doz.

AKEBIA QUINATA.

One of the best climbers, bearing numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor. It begins to bloom early in spring, and continues several weeks. In good soil and location it will grow 30 to 40 feet high. 25 to 50 cts. each; \$2.50 to \$5.00 per doz.

BIGNONIA.

(Trumpet Creeper.)

For covering unsightly places, stumps, rock-work, or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive, and showy, and borne profusely when the plant attains a fair size.

Grandiflora. Large-flowered Trumpet Creeper, bearing blooms of an orange-red color. 50 cts. each.

Radicans. Dark red, orange throat; free-blooming and very hardy. 25 cts. each; \$2.50 per doz.

HONEYSUCKLES (Lonicera).

Plants that should be in every garden, as they thrive with little care, and throughout the season scent the air with their fragrance. The varieties listed are by far the best for all purposes, and will be certain to give satisfactory results.

Chinese Evergreen (Woodbine). Red, yellow and white variegated flowers; very fragrant.

Halliana. A white monthly Honeysuckle, from China; flowers pure white, turning to yellow, fragrant; hardy evergreen; flowers freely.

Heckrothi. Deep red flowers with yellow throat; in bloom the entire season.

Variegated (Aurea Reticulata). Foliage beautifully mottled yellow and green; succeeds in any situation; a fine edging to flower-beds.

25 to 50 cts. each; \$2.50 to \$5.00 per doz.

HOP (Humulus Lupulus).

One of the very best climbers for covering unsightly places. It is a rapid grower and bears a profusion of seed pods suitable for many domestic purposes.

50 cts. per doz.; 60 cts. postpaid; \$2.50 per 100.

CLEMATIS VIRGINIANA.

A rapid strong growing variety, producing a profusion of white flowers during July and August.

25 cts. each; 5 for \$1.00.

CLEMATIS FLAMULA.

(Virgin's Bower.)

A general favorite, where a hardy rapid-growing graceful vine is desired. Its small, bright green foliage is almost hidden by large clusters of small fragrant white flowers. 25 cts. each; 5 for \$1.00.

CLEMATIS CRISPA.

A beautiful and distinct species, the flowers of which resemble in shape some of the elegant bell-shaped Lilies, and are 1½ to 2 inches in width and about 1½ inches long.

The color is a beautiful lavender-blue tint on the surface and margin of petals; the centres of the petals are an opaque white, and are perfumed with a delicious bergamot flavor. It is hardy and very free-flowering, continuing in bloom from June until frost. 25 cts. each; 5 for \$1.00.

CLEMATIS COCCINEA.

The flowers are bell-shaped, in color a rich deep coral-scarlet, shining as if polished, and lasting a long time when cut. The vines attain the height of from 8 to 10 or 12 feet, beginning to flower in June and continuing until frost; single vines have from 20 to 30 flowers on each, and frequently as many as 10 vines will start from one crown each season. 25 cts. each; 5 for \$1.00.

CLEMATIS.

The attention paid this class of plants by growers has resulted in the production of many charming varieties bearing magnificent flowers of superb coloring. For covering walls, trellises or verandas, old trees or ruins, or as specimens on the lawn or in borders, or for massing in large beds on the lawn, they have scarcely an equal, certainly no superior. The following is a most desirable collection in every respect:

Alba Magna. Pure white, with purplish-brown anthers; one of the finest white varieties in cultivation.

Anderson Henryi. Creamy white, large and handsome.

Beauty of Worcester. A sterling variety, which possesses the singular merit of producing both single and double flowers on the same plant for its earlier bloom, and as the season advances single flowers only are borne. It is a large and handsome 6 to 8-petalled flower of a lovely bluish-violet shade, with prominent pure white stamens, which greatly add to its beauty. Of vigorous growth, and a remarkably free and continuous bloomer, producing flowers at almost every joint. \$1.50 each.

Countess Lovelace. Bluish lilac, rosette-shaped, forming a double flower, occasionally showing single flowers.

Duchess of Edinburgh. Very fine, pure double white, sweet-scented.

Fairy Queen. Large flowers, pale flesh, with a pink bar in centre of sepals, shaded purple at base.

Gipsy Queen. Rich dark velvety purple.

Imperatrice Eugenie. Large flowers, of a pure white color; free-blooming.

Jackmanni. Large, rich violet-purple; a free bloomer and strong grower.

Jackmanni Superba. Very dark violet-purple; a large and attractive flower.

John Gould Veitch. Lavender blue; flowers double.

Kermesina.

Lady Bovill. Light blue; finely cupped.

Lady Caroline Neville. French white, mauve bars.

Lady Londesborough. Silvery gray with pale bar.

Lanuginosa Candida. White, tinted; a fine flower.

Lawsoniana. Rosy purple with darker veins; distinct and very large.

Lord Neville. Rich dark plum.

Lilacina Floribunda. Pale lilac.

Lucy Lemoine. White, rosette shaped, double.

Magnifica. Reddish purple, red bars.

Mad. Grange. Crimson violet, red bars.

Mad. Eliza Schenck. Blue; very free-flowering.

Mad. Van Houtte. Pure white, extra fine.

Miss Bateman. White with chocolate-red anthers.

Mrs. James Bateman. Pale lavender, large and free.

Mrs. Geo. Jackman. Satiny white, cream-colored bar.

Nigrescens. Black purple.

Otto Froebel. Grayish white; large.

Prince of Wales. Deep purple.

Princess of Wales. Bluish mauve, satiny surface.

Reine Blanche. Light mauve with bar of lighter shade, a good bedder.

Star of India. Reddish violet-purple with red bars.

Sir Garnet Wolseley. Blue tinged bronze with distinct bar of plum red.

Tunbridgensis. Deep bluish mauve.

Velutina purpurea. Blackish mulberry.

50 cts. each; \$5.00 per dozen, except where noted,

IVIES (Hedera).

Out of a long list of sorts we have selected the following as combining all the best qualities for general use.

Hedera digitata. Finger-leaved Ivy.

“ **helix.** The hardy English Ivy, generally used

“ for growing on walls.

“ **marmorata elegans.** Small silvery marbled leaves.

“ **rœgnieriana.** Giant leaved; strong grower.

25 cts. each; \$2.50 per doz.; \$18.00 per 100.

JASMINES.

Jasminum nudiflorum (*Yellow Flowering Jasmine*). Producing fragrant yellow flowers; hardy with protection in this latitude. 25 cts. each.

Jasminum officinale (*White Flowering Jasmine*). Pure white, fragrant; hardy with protection in this latitude. 25 cts. each.



CLEMATIS JACKMANNI.

MENISPERMUM.

(Moon Seed.)

A curious, twining, slender vine with small yellow flowers and black berries. Fine for rocky places. 25 cts. each; 5 for \$1.00.

PERIPLOCA GRÆCA.

(Silk Vine.)

An exceedingly rapid grower, reaching up to a great height, with shining, long, narrow leaves, and clusters of purplish-brown blossoms. 25 cts. each; 5 for \$1.00.

PASSION FLOWERS.

Very handsome, rapid growing plants, which bear profusely their fragrant flowers from mid-summer till cut by frost. They should be mulched during winter to protect the roots from alternate freezing and thawing.

Passiflora Constance Elliot. The flowers are pure white, excepting a very slight coloring at the base of the corolla. To the list of cut flowers and climbing vines it is a decided acquisition.

Passiflora cœrulea. Bright blue; very fragrant and free-flowering.

Passiflora incarnata. A lovely shade of blue, white centre; one of the very best.

25 cts. each; \$2.50 per doz.

CHINESE WISTARIA.

One of the best of all hardy climbers. When given a sunny situation and a liberal manuring it grows rapidly, and presents when in bloom a magnificent appearance. The flowers are borne in long, drooping clusters, in the greatest profusion during early spring.

Wistaria Multijuga, fl. pl. A handsome double-flowering variety from Japan, having elegant foliage and lovely lilac and blue flowers. \$1.50 each.

Wistaria Sinensis (Chinese Glycene). The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed.

30 to 50 cts. each.

Wistaria Sinensis alba. Of similar habit to Sinensis, with pure white flowers; a lovely climber.

50 cts. each.

HARDY PERENNIALS.

A steadily increasing demand for hardy plants has led us to give them more attention and to increase our stock considerably. Our list contains none but good and satisfactory plants, though by no means including all that are worthy of cultivation. We can make when desired a selection that will keep the garden gay with flowers from the time frost leaves the ground until late autumn. They are adapted to every soil and situation, and when once planted will with a little care increase in vigor and beauty.

ACHILLEA, THE PEARL. A grand improvement on the old Achillea fl. pl. The flowers, which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white, somewhat resembling a pompon Chrysanthemum; as a summer cut-bloom it is a great acquisition. 25 cts. each; \$2.50 per dozen.

ANTIGONON LEPTOTUS. A plant from Central Mexico, producing rose-colored flowers in racemes 2 feet long. The profusion of its bloom is such as to give the resemblance of roses at a distance; hence its name, *Rosa de Montana*, or Mountain Rose. This plant is moderately hardy, with protection. The vines are killed to the ground by frost; but as it has tuberous roots, it starts in the spring and develops its flowers from June till frost.

ANEMONE JAPONICA. One of the most beautiful of the hardy herbaceous plants. They commence to open their rich-colored single blooms in August, and continue to increase in beauty until cut by frost. They thrive best in a light, rich, moist soil, and should not be transplanted more than is necessary when they become too thick.

Alba. Pure white, yellow centre, and dark eye.

Elegans. Carmine, yellow centre, and dark eye.

Rosea. Dark rose, shaded pink, yellow centre, and dark eye.

ANEMONE PENNSYLVANICA. A pretty native variety, with large white flowers tinged with red on the under side. 15 cts. each; \$1.50 per dozen.

ANTHERICUM LILIASTRUM (St. Bruno's Lily). A beautiful plant, with narrow, grass-like foliage, and long spikes of white, fragrant, lily-like flowers.

20 cts. each; \$2.00 per dozen.

ANTHERICUM RAMOSUM. Similar to the above.

AJUGA REPTANS. A dwarf growing and pretty perennial, especially suited as an edging plant; succeeds well in any position. 15 cts. each; \$1.50 per dozen.

AQUILEGIA CHRYSANTHA. A beautiful golden-spurred Columbine from the Rocky Mountains. Flowers rich golden yellow; blooms in early spring.



AQUILEGIA.

AQUILEGIA GLANDULOSA. A pretty species, with bright lilac-blue sepals and pure white petals.

ASTILBE JAPONICA — Spiræa Japonica. Splendid for outside flowering or forcing. Flowers white.

ASCLEPIAS TUBEROSA. One of the showiest of our late summer and autumnal flowers, and deserving of extensive cultivation; blooms in close, compact umbels of a brilliant orange color.

ASTERS. Very pretty free-blooming hardy plants, commencing to bloom early in the season and continuing till killed by frost. Mixed colors.

CARNATIONS. Hardy garden sorts; general favorites on account of their rich clove fragrance and bright colors. The plants we offer are grown from seed from leading European sources. 15 cts. each; \$1.50 per dozen.



ASTILBE JAPONICA.



NEW ENGLAND ASTER.

25 cts. each; \$2.50 per dozen, except where noted.



DICTAMNUS FRAXINELLA (BURNING BUSH).

HARDY PERENNIALS—Continued.

CAMPANULA GROSSEKII. One of the prettiest of the Canterbury-bells, of erect habit, with dark blue flowers.

COREOPSIS LANCEOLATA. A hardy perennial that should find its way into every garden. The flowers are a clear bright golden yellow, and certain to attract attention. It flowers profusely, is perfectly hardy, and thrives in almost any situation. One of the best of the perennials.

DELPHINIUM FORMOSUM (*Perennial Larkspur*). This is certainly one of the handsomest and most satisfactory of all the hardy herbaceous plants, and should be planted extensively, even in the smallest garden; its long spikes of bright blue flowers are produced continually from June until frost. 20 cts. each; \$2.00 per dozen.

DIANTHUS HISPANICUS. Of dwarf habit, flowering the entire summer; of a deep crimson color; flowers of good size.

DIANTHUS PLUMARIUS STANISLAUS. Of dwarf compact habit, blooming perpetually the entire summer; violet rose with deep crimson centre. 20 cts. each, or 3 for 50 cts.



DIELYTRA SPECTABILIS.

DIELYTRA SPECTABILIS (*Bleeding Heart*). Adapted to outdoor planting or forcing for early spring blooming. It bears long racemes of graceful heart-shaped pink flowers.

DIELYTRA EXIMIA (*Plumy Bleeding Heart*). Similar in growth, but with flowers a deeper shade than *D. Spectabilis* and borne in plumes. It remains in bloom a long time, frequently during the whole season.

DICTAMNUS FRAXINELLA. A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious red flowers giving off during hot weather a fragrant volatile oil, which explodes when a match is applied to it.

DORONICUM PLANTAGINEUM EXCELSUM. A strong growing perennial with large heads of bright yellow flowers 3 to 4 inches in diameter.

FEVERFEW (*Little Gem*). An improvement on the old Feverfew; it is very dwarf, attaining a height of only 8 to 12 inches. The flowers are large, of more perfect form and of the purest white. 15 cts. each; \$1.50 per doz.

FUNKIA ALBA (*Day Lily*). Pure white, lily-shaped, fragrant flowers; borne in large clusters.

Cærulea. Blue flowers, broad green leaves.

Lanceolata Variegata. Pretty light green foliage with white variegation; purple flowers.

GAILLARDIA ARISTATA GRANDIFLORA. A handsome perennial, blooming the entire summer; bright orange and crimson with dark centre.

GENISTA TINCTORIA. Flowers yellow, produced in long racemes.



HELIANTHUS MULTIFLORUS, FL. PL.

HELIANTHUS MULTIFLORUS, fl. pl. (*Double Hardy Sunflower*). An extremely useful, hardy plant; it bears profusely large double flowers of a bright yellow color, which remain in perfection a long time; it should find its way into every garden.

HELIANTHUS MAXIMILLIANA. Similar to the above with large double golden yellow flowers.

25 cts. each; \$2.50 per dozen, except where noted.

Assortments, our selection: 12 plants, \$2.00; 25 plants, \$4.00; 50 plants, \$7.00; 100 plants, \$12.00.

HARDY PERENNIALS—*Continued.*

HEMEROCALLIS KWAMSO, Fl. Pl.

HEMEROCALLIS KWAMSO, fl. pl. (*Double Orange Lily*). Large double copper-colored flowers; in bloom all summer; a bold and striking flower. 50 cts.

HEMEROCALLIS FULVA (*Lemon Lily*). Lemon-colored flowers, excellent for planting among shrubbery.

**HIBISCUS** (*Perennial Mallow*).

The flowers which are produced freely from July to September are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow 5 to 8 feet high and form dense bushes, which are in season a complete mass of bloom.



HYACINTHUS CANDICANS.

25 cts. each; \$2.50 per dozen, except where noted.

Assortments, our selection; 12 plants, \$2.00; 25 plants, \$4.00; 50 plants, \$7.00; 100 plants, \$12.00.

HYACINTHUS CANDICANS. A snow-white summer-flowering Hyacinth, growing 3 to 4 feet in height, gracefully surmounted with from twenty to thirty pure white bell-shaped flowers.



IRIS GERMANICA.

IRIS GERMANICA.

These are neat, robust, hardy herbaceous early blooming plants, with large ornamental flowers of rich and elegantly blended colors, exquisitely striped with dark violet, purple, or bronzed lines, upon a lighter ground. They thrive best in low situations, and can be planted in marshy places or interspersed with low growing sedges on the margins of fish-ponds.

Bariensis. White, bordered with lilac.

Comte de St. Clair. White, shaded violet.

Florentine. White, pencilled blue.

Hericartiana. Pale blue.

Honorabilis. Orange, lower petals brown.

Juliette. White, violet edge, shaded blue.

Madame Chereau. White, edged violet.

Pajole. Purplish lilac, lower petals dark.

Pluton. Bronzy violet, lower petals lilac.

Raphael. Nankin yellow, lower petals purple with white veins.

Virgile. Bronzy red, lower petals lilac.

Virginal. White, petals veined with purple.

Walneri. Lilac, lower petals dark blue.

15 cts. each; \$1.50 per doz.

LILY OF THE VALLEY

(*Convallaria Majalis.*)

One of the most charming of our spring-flowering plants. Its slender stems set with tiny bells diffusing a delicious odor, have rendered it a universal favorite. They are entirely hardy, and delight in a shady, well-enriched border. Roots delivered until April and after September 1st.

Single White. 10 cts. each; 50 cts. per doz.; \$2.50 per 100.

Single Rose Colored. Light rose; very pretty. 10 cts. each; 75 cts. per doz.

Double White. 15 cts. each; \$1.00 per doz.; \$3.00 per 100.



IRIS KÄMPFERI.

IRIS KÄMPFERI.

This Japanese Iris is an excellent addition to the list of hardy herbaceous plants; it should be planted in a somewhat cool, moist situation. They are quite distinct from all other varieties, and are as beautiful as Orchids.

Mixed colors, 25 cts. each; \$2.50 per doz.

IRIS CRISTATA. A pretty dwarf variety, especially adapted for edging; throat and crest deep yellow, lip light blue. 20 cts. each; \$2.00 per doz.

IRIS PUMILA. Dwarf, early flowering, light blue, purple and yellow mixed. 10 cts. each; \$1.00 per doz.

LIATRIS SPICATA. A pretty native variety producing beads of bright purple flowers from 8 to 15 inches long.

LYCHNIS VISCARIA ALBA PLENA. Large double white flowers, which are produced in the greatest profusion during the entire summer; very valuable for funeral designs, taking the place of the Carnation at a season when double white flowers are in great request; perfectly hardy.

LYCHNIS VISCARIA RUBRA. An early spring-blooming plant which carries its clusters of brilliant crimson flowers for several weeks.

MONARDA DIDYMA (*Oswego Tea*). Flowers bright scarlet, produced in terminal spikes.

MYOSOTIS DISSITIFLORA (*Forget-me-not*). Hardy spring-blooming plants, bearing a profusion of lovely light blue flowers.

MYOSOTIS, ELIZA FANROBERT. Large-flowering, bright blue, of pyramidal habit; remarkably fine and distinct.

PARDANTHUS SINENSIS (*Blackberry Lily*). Flowers bright orange, spotted red, a desirable plant.

PLUMBAGO ALBA. Pure white.

“ **CÆRULEA.** Deep blue.

“ **LARPENTÆ.** A very useful edging plant, bearing rich deep blue flowers and continuing in bloom till cut by frost. 15 cts. each; \$1.50 per doz.

SEDUM ACRE. Excellent for cemetery use or growing under trees; flowers yellow.

15 cts. each; \$1.50 per doz.

SEDUM FABARIUM. An upright growing variety 15 to 18 inches high, flowers soft rosy pink.

15 cts. each; \$1.50 per dozen.

SPIREA ULMARIA. “Meadow-Sweet.” White fragrant flowers.

25 cts. each; \$2.50 per dozen, except where noted.

Assortments, our selection: 12 plants, \$2.00; 25 plants, \$4.00; 50 plants, \$7.00; 100 plants, \$12.00.



PHLOX CROSS OF HONOR.

PHLOX.

The Phloxes are among the most desirable of the hardy perennials; their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations and a rich soil.

Coccinea. Intense crimson scarlet.

Cross of Honor. Beautiful light rose color, striped pure white, an excellent flower.

Elaine. Vermilion, tinted purple, scarlet centre.

Hercules. Immense panicles, rosy amaranth.

Joseph Bau. Rich purplish-violet.

Le Sultan. Purplish crimson.

Lothair. Brilliant salmon rose.

Mad. Deveret. Bright rose, crimson eye.

Mlle. Ladonette. Rosy blush, deep rose eye.

Maid of Kent. Light lilac, broad white stripe.

Miss Robertson. Pure white; dwarf.

Princess de Furstenberg. White; carmine eye.

Sir E. Landseer. Very brilliant dark crimson; large.

Saison Lierval. White, centre violet-rose.

Stanstead Rival. Rose pink, dark crimson eye.

Triumph de Twickle. Rosy magenta.

Washington. White, rosy purple centre.

White Lady. Large pure white, extra.

15 cts. each, except where noted; \$1.50 per dozen.

VINCA MINOR (*Periwinkle*). A desirable trailing plant for shady places. Of rapid growth, leaves dark glossy green; light blue flowers.

15 cts. each; \$1.50 per doz.

VIOLA PEDATA. “Birds-foot Violet.” Flowers light blue. 15 cts. each; \$1.50 per doz.

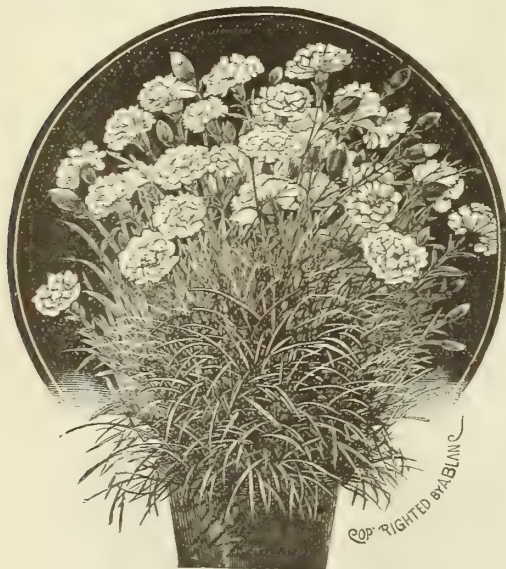
YUCCA FILAMENTOSA (*Adam's Needle*). A fine lawn plant; in early summer it throws up long stalks bearing numerous creamy white bell-shaped flowers.



PLATYCODON GRANDIFLORUM.

(Wahlenbergia.)

One of the very best perennial plants; in constant flower from early spring to late fall. It forms dense clumps, which are covered with a mass of bell-shaped flowers. 25 cts. each; \$2.50 per dozen.



SCOTCH PINK, SNOW.

SCOTCH PINKS.

Dwarf hardy pinks, bearing double flowers of rich colors and possessed of the true clove scent. Though the plants are hardy, they winter better if protected.

Alfred Harrington. Pure white, laced deep maroon.

Claude. White, deep maroon centre.

Earl of Carlisle. White, laced crimson.

Etna. Centre laced deep crimson-maroon.

Gertrude. Rosy crimson, dark centre.

Juliette. White, laced crimson.

Laura Wilmer. White, purplish-maroon centre.

Mrs. J. M. Welsh. White with crimson maroon centre.

Pilot. White laced with velvety crimson.

Prince Arthur. Crimson centre, blush lacing.

Pumila. Blush, crimson centre.

Snow (Mrs. Sinkins). Specially suited for Easter, as it forms a perfect mass of snow-white flowers. It is entirely distinct from and superior to the old white Scotch Pink, being nearly double the size and of the most exquisite clove fragrance.

15 cts. each; \$1.50 per dozen.



TRITOMA UVARIA GRANDIFLORA.

(Flame Flower.)

A splendid summer and autumn flowering plant, with stately flower scapes and magnificent terminal dense spikes of rich orange-red tubular flowers; familiarly known from its glowing colors as the "Red-hot-Poker;" effective among shrubbery.

25 cts. each; \$2.50 per dozen.

Prices of Assortments of HARDY PERENNIALS.

12 different plants, \$2.00.

25 " " 4.00.

50 " " 7.00.

100 in 50 species and varieties, \$12.00.



HERBACEOUS PÆONIES.

HERBACEOUS PÆONIES.

The Herbaceous Pæonies are exceedingly hardy, and will succeed in any ordinary garden soil, well enriched with good manure. During the summer months mulching will be beneficial to the roots, especially on dry soils.

- Ambroise Verschaffelt.** Purplish crimson.
Alba Plena. Double white.
Baron Rothschild. Pale rose.
Comte de Paris. Rose, buff centre.
Edulis. Violet rose, very fragrant.
Humei. Pink, fragrant.
Isabella Kalitzky. Deep rose, shaded salmon.
Jean D'Arc. Blush, shaded rose.
Louis Van Houtte. Dark crimson.
Rubra Triumphans. Dark purplish-crimson.

Striata Speciosa. Pale rose, blush centre.

Tenuifolia, fl. pl. Dark crimson; very double and showy, with peculiarly cut leaves. 50 cts. each.

Triumph du Nord. Rosy violet.

Victoria Tricolor. Rose, pink centre.

Strong plants 30 cts. each; \$3 per doz., except where noted.

TREE PÆONIES.

This plant, instead of dying down to the ground every winter, like the herbaceous variety, grows into a hard-wooded shrub. The flowers are the same in form as the common variety, but of a light pink or blush color. As the plants attain age they make very showy bushes and are very desirable for planting among shrubbery.

Strong plants, 75 cts. each; \$7.50 per doz.

Hardy Grasses.

EULALIA JAPONICA VARIEGATA.

A very graceful, tall, ornamental grass from Japan. Its long, narrow leaf-blades are striped green, white, and often pink or yellow. It throws up stalks from 4 to 6 feet in height, terminated with a cluster of flower spikes; the flowers are surrounded by long silky threads, which, when fully ripe, expand like an ostrich feather when curled. These dry flowers are valuable as parlor ornaments, as they retain their beauty for a long time.

25 cts. each; \$2.50 per doz. Clumps 75 cts. each.

EULALIA JAPONICA ZEBRINA.

This variety resembles Japonica in hardiness, growth and bloom. The long blades are marked with broad yellow bands across the leaf instead of longitudinally. Its markings are unlike any other grass. It makes a very attractive specimen plant for the lawn, and will not fail to attract attention.

25 cts. each; \$2.50 per doz. Clumps \$1.00 each.

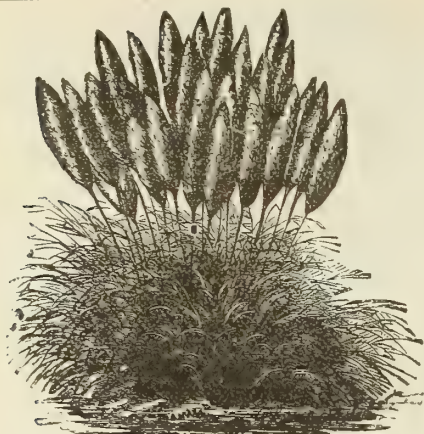
EULALIA GRACILLIMA UNIVITTATA.

This is a grand addition to the Ornamental Grasses; it is of a more compact habit than the Japanese varieties, with very narrow foliage, which is of a bright green color with a silvery white midrib, similar to *Dracena Indivisa*; its general habit and appearance is very graceful, and we have no doubt that it will become a general favorite.

50 cts. each; \$5.00 per doz.



EULALIA JAPONICA ZEBRINA.



PAMPAS GRASS.

PAMPAS GRASS (*Gynerium Argenteum*).

One of the most effective of the Ornamental Grasses. Its silvery plumes are produced on stems 8 to 10 feet high. Well-established plants can remain in the open ground from year to year if protected. Requires a rich and deep soil. The plumes, when cut before they fully expand, and dried in the shade, make handsome winter decorations.

25 to 50 cts. each. Extra strong plants for immediate effect, \$1.00 to \$2.00 each.

HARDY GRASSES—Continued.**ARUNDO.**

Donax. A magnificent hardy grass, growing to a height of 15 feet, and forming dense clumps. It should be left undisturbed, as it increases in vigor and attractiveness from year to year. 25 cts. to \$1.00 each.

Donax Variegata. A hardy, broad-leaved, variegated bamboo; foliage creamy white and green, retaining its bright, fresh color until frost; growing 6 to 8 feet high, of graceful form and fine habit.

30 cts. to \$1.00 each.

ERIANTHUS RAVENNÆ.

A perfectly hardy Ornamental Grass, which grows from 9 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. It resembles the Pampas Grass, but blooms much more abundantly, and makes a desirable plant for the decoration of lawns.

30 cts. each. Clumps 75 cts.

**LILIES.**

Some of the varieties of this favorite flower are truly magnificent. They are all hardy, and the bulbs can be planted either in the spring or autumn; a covering of manure will be found beneficial during winter, but must be removed very early in spring to prevent too rapid growth. The ground should be thoroughly drained. For pot-culture we recommend the Candidums, Lancifoliums, Longiflorums and Auratum.

| | Each. | Doz. | | Each. | Doz. |
|---------------------------------------------------------------------------------|-------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|
| Bulbiferum aurantiacum. Orange red, cup-shaped flowers | .20 | \$2.00 | Longiflorum (<i>Easter Lily</i>). Large and beautiful, snow-white, trumpet-shaped blossoms; also desirable for forcing as a bouquet flower..... | .25 | \$2.50 |
| Canadense. Pendulous flowers, yellow, spotted with brown..... | .15 | 1.50 | Pulchellum. Brilliant scarlet, similar in habit and form to Tenuifolium..... | .30 | 3.00 |
| Candidum. Snow-white, fragrant..... | .15 | 1.50 | Superbum. A beautiful and rich yellowish-red spotted drooping Lily..... | .20 | 2.00 |
| Lancifolium album. Splendid large pure white flowers..... | .40 | 4.00 | Tenuifolium (<i>Coral Lily of Siberia</i>). Intense crimson-scarlet..... | .30 | 3.00 |
| Lancifolium album præcox. Pure white, large and fine; a lovely Lily..... | .50 | 5.00 | Tigrinum (<i>Tiger Lily</i>). Orange-salmon, spotted with black..... | .15 | 1.50 |
| Lancifolium rubrum. White and crimson..... | .20 | 2.00 | Umbellatum grandiflorum. Orange, with brown spots, showy, free-flowering..... | .25 | 2.50 |
| Lancifolium punctatum. White, spotted with delicate salmon..... | .50 | 5.00 | | | |
| Lancifolium monstrosum album. Large cluster of pure white flowers..... | .50 | 5.00 | | | |
| Lancifolium monstrosum rubrum. White, crimson spotted..... | .40 | 4.00 | | | |



LILIUM AURATUM.

LILIUM AURATUM.

(Gold-Banded Lily of Japan.)

This superb Lily has flowers 10 to 12 inches in diameter, composed of 6 white petals, thickly studded with rich chocolate-crimson spots, and having a bright golden-yellow band through the centre of each petal; to its size and beauty it adds an exquisite vanilla-like perfume. As the bulbs acquire age and strength, the flowers obtain their maximum size and number. Upwards of 12 flowers have been produced on a single stem. It is perfectly hardy in dry soils, and is excellent for pot-culture.

Extra strong flowering bulbs, 40 cts. each; \$4.00 per dozen; \$30.00 per 100.

Strong flowering bulbs, 25 cts. each; \$2.50 per dozen; \$18.00 per 100.

HEDGE PLANTS.

American Arborvitæ (*Evergreen*). 9 to 12 inches, \$8.00 per 100; 12 to 18 inches, \$10.00 per 100; 18 to 24 inches, \$15.00 per 100; 2 to 3 feet, \$25.00 per 100.

Cydonia Japonica (*Deciduous*). Bright scarlet flowering. Makes an excellent hedge. \$10.00 to \$12.00 per 100.

Hemlock Spruce (*Evergreen*). 1½ to 2 feet, \$25.00 per 100; 2 to 3 feet, \$40.00 per 100; 4 to 5 feet, \$75.00 per 100.

Osage Orange (*Deciduous*). Two years old, \$1.00 per 100, \$7.00 per 1,000.

Privet, California (*Deciduous*). Dark green foliage; bears trimming well. 1 to 2 feet, \$20.00 per 100.

THE BEST HARDY SHRUBS.

First quality, 30 cts. each, except where noted; \$3.00 per doz.; \$20.00 per 100.

Azalea Ghent. A magnificent class of hardy flowering plants, bearing large trusses of lovely, fragrant flowers. Their diversity of color and form should render them, even to a greater extent than at present, leading shrubs for outdoor purposes. Very dry situations are not suitable for this class. The soil should be prepared as per instructions for *Rhododendrons*. The collection offered is from the best European sources.

\$1.25 each; \$12.00 per doz.

Acacia Rosea (*Robinia pseudo-acacia hispida*). Elegant rose-colored flowers; blooms in summer. 50 cts.

Almond, Double Pink (*Prunus Japonica rosea plena*). A small shrub, bearing in spring, before the leaves appear, an abundance of double, rose-like flowers.

Almond, Double White (*Prunus sinensis flore alba plena*). Flowers pure white.

Althea, or Rose of Sharon (*Hibiscus Syriacus*). Strong, erect growing shrubs of the easiest culture, which bear large and showy flowers in early fall.

| | |
|-----------------------|----------------------------|
| Carnea Plena. | Speciosa. |
| Double Purple. | Semi-Double Violet. |
| " White. | Single White. |
| Elegantissima. | |

Barberry (*Berberis Canadensis*). American Barberry. Yellow flowers April to June, followed by red berries.

Barberry (*Berberis vulgaris*). Yellow flowers in drooping racemes, in early summer, followed in autumn with orange-scarlet fruit.

Barberry, Purple (*Berberis vulgaris purpurea*). Violet colored foliage and fruit; very effective.

Box, Common (*B. myrtifolia*). A hardy evergreen shrub, with bright glossy leaves.

Box, Broad (*B. latifolia*). Large leaved, bushy and compact. Size, 2 to 2½ feet. 50 cts. each.

Box, Golden (*B. aurea variegata*). Edged yellow.

Burning Bush (*Euonymus Europæus*). Pods covered with scarlet seed during autumn and winter.

Calycanthus, Sweet Shrub (*Calycanthus Florida*). Flowers fragrant, like strawberries; double, and of a chocolate color.

Cornelian Cherry (*Cornus mascula*). Clusters of bright yellow flowers in early spring, followed in autumn with large scarlet berries.

Cratægus Pyracantha (*Evergreen Thorn*). A valuable plant for growing singly or for a hedge. Attractive, rich, glossy foliage; fragrant white flowers, succeeded by bright orange-red berries. 25 cts. each.

Cratægus Oxycantha. The English Hawthorn. Pure white flowers, fragrant.

Deutzia Crenata. Bears a profusion of pink and white flowers; very pretty.

Deutzia Crenata flore plena. Flowers double white, tinged with pink.

Deutzia Fortunei. Large pure white single flowers.

Deutzia Gracilis. A dwarf bush, covered with spikes of pure white flowers in early summer.

Deutzia, Rough Leaved (*D. scabra*). Strong grower; single white flowers produced in early summer.

Dogwood, Red Twigg (*Cornus sanguinea*). A strong growing bush, with crimson colored branches, making it an attractive object in winter.

Exochorda grandiflora. Finely shaped shrub, with a profusion of the most lovely pure white flowers; blooms in the spring. 50 cts., 75 cts. and \$1.00 each.

Forsythia, Golden Bell (*F. viridissima*). Bears bright yellow flowers before the leaves appear.

Forsythia, Weeping (*F. suspensa*). Has long drooping branches.

Fringe, Purple or Smoke Tree (*Rhus cotinus*). Has very curious bloom, which when covered with dew resembles a cloud of smoke or mist. 50 cts. each.

HARDY SHRUBS—Continued.

- Fringe, White** (*Chionanthus Virginica*). The bloom is very much like white fringe; one of the most pleasing ornaments for the lawn. 50 cts. each.
- Globe Flower** (*Kerria*, or *Corchorus Japonica*). Small shrubs, with abundant yellow flowers in early summer.
- Hypericum, or St. John's Wort** (*H. kalmianum*). Flowers bright yellow; blooms in midsummer.
- Hydrangea Paniculata Grandiflora**. The flowers are borne in dense pyramidal panicles; are white when they first open, but gradually change to rose color, and remain in good condition for weeks.
25 cts. to \$1.00 each.
- Indigo Bush** (*Amorpha fruticosa*). A fine shrub; bears long slender spikes of dark violet flowers.
- Japan Quince** (*Pyrus Japonica*). A very showy and popular shrub, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge.
- Judas Tree, or Japan Red Bud** (*C. Japonica*). The flowers are a brilliant rose color, and borne in profusion. 3 to 5 feet; \$1.00 to \$1.50 each.
- Laburnum** (*Cytisus laburnum*). Long racemes of golden yellow flowers. In bloom June to July.
- Lilac, Common** (*Syringa vulgaris*). The common purple species, and one of the best.
- Lilac, Common White** (*S. vulgaris alba*). Flowers pure white; very fragrant; beautiful.
- Lilac, Josika's** (*S. Josikea*). Deep lilac flowers. A choice late blooming variety. 50 cts. each.
- Lilac, Persian White** (*S. Persica alba*). Slender growth, fine, beautiful white flowers.
- Lonicera Tartarica**. White Tartarian Honeysuckle. Fragrant pink and white flowers; upright growing.
- Magnolia conspicua**. Flowers large and pure white, and borne profusely. 4 to 6 feet; \$3.00 each.
- Magnolia purpurea**. Dwarf; flowers bright purple; very profuse. 3 to 5 feet; 60 cts. each.
- Magnolia soulangeana**. Beautiful; flowers of large size, resembling Norbertiana. 4 to 6 feet; \$2.00 each.
- Mock Orange, or Syringa** (*Philadelphus*). Fragrant, pure white flowers.
- Mock Orange, Large Flowered** (*P. grandiflora*). Showy; large flowers; slightly fragrant.
- Privet, Californa** (*L. ovalifolium*). Nearly evergreen. Bears white flowers in the early summer; one of the best hedge plants.
- Prunus triloba**. Double flowering plum. Flowers delicate pink, thickly set on slender branches.
- Rhamnus fragula** (*Buckthorn*). Flowers white. Small black fruit.
- Ribes arvensis**. Yellow flowering currant.
- "sanguinea**. Deep red flowers early in spring.
- Spirea Billardii**. A strong growing, pink flowered, late blooming species.
- Spirea callosa alba**. Low dwarf growth; white.
- Spirea callosa rubra**. Low dwarf growth; red flowers.
- Spirea Douglassi**. Rose colored, late flowering.
- Spirea prunifolia** (*Bridal Wreath*). Flowers double, white and abundant; early blooming.
- Spirea Reevesii**. Covered in spring with an abundance of white flowers.
- Spirea Reevesii flore plena**. A double flowering form of the above.
- Spirea Thunbergii**. One of the most charming of all low-growing shrubs, with fine, delicate foliage and a profusion of small white flowers in spring.
- Spirea Tomentosa**. Tufts of pink flowers in mid-summer.
- Snowberry** (*Symphoricarpos racemosus*). Pink flowers in summer; large white, waxy berries in autumn.
- Snowberry** (*Red or Indian Currant—S. glomeratus*). More compact form, with red berries in autumn.
- Tamarisk** (*Tamarix tetandea*). Feathery foliage, small fringed, light pink flowers.
- Viburnum Snowball** (*Viburnum opulus sterilis*). Snowy white, borne in large balls in early summer.
- Viburnum, Japan Snowball** (*V. plicatum*). Blooms more profusely and in more perfect balls. 75 cts. each.
- Weigela candida**. Pure white. This is the best white Weigela. 50 cts.
- Weigela Desboisii**. Beautiful deep rose colored flowers.
- Weigela Grænewegenii**. Rose colored flowers streaked dark red.
- Weigela hortensis nivea**. Pure white; constant bloomer. 50 cts. each.
- Weigela rosea**. Fine colored flowers; one of the best.



RHODODENDRONS.

The Rhododendron is one of the most valuable of our hardy decorative plants. In June the ends of the branches are covered with large clusters of beautiful flowers. They bear pruning well, and can be kept down to 2 feet or allowed to grow 6 or 8 feet; as standards, they are particularly fine.

They require only a good garden soil, which should be dug at least two feet deep and mixed with some leaf mould or peat; it is also well to mulch the ground during the summer, and protect with leaves or brush during the first winter. The finest varieties are the Hybrids of *Catawbiensis*, from which our stock is selected with reference to hardiness. We offer a choice collection of plants from 12 to 24 inches high, bushy and well established, ranging in color from the purest white through all the shades of rose, pink, purple and crimson.

\$1.00 each; \$10.00 per doz. Plants set with buds, \$1.50 each; \$15.00 per doz.
Extra large specimens in bud. 3 feet high, \$2.50 each; \$24.00 per doz.

Fruit Department.

While we exercise the greatest care to have all our trees and plants true to name, well grown, and packed in the best possible manner, and hold ourselves in readiness to replace all trees or plants that may accidentally prove untrue, it is mutually understood and agreed between the purchaser and ourselves that we disclaim any liability for results arising from defective planting or planting at improper seasons, or from subsequent faulty treatment and cultivation, and are not in any respect responsible for any loss or damage arising from any failure thereof.



APPLES.

The following are given as being the varieties best adapted to general cultivation in this latitude, in addition to which are many varieties not here described which have only a local reputation, or which succeed only in certain localities. The trees have made a thrifty, vigorous growth during the past season, and are furnished with a quantity of fibrous roots.

Size, 5½ to 7 feet. 50 cts. each; \$5.00 per doz. Selected specimens.

EARLY.

- Early Harvest.** Medium; straw color; flavor rich.
Summer Hagloe. Large; greenish yellow, with red cheeks; juicy; sub-acid.
Early Strawberry. Small; dark crimson; sub-acid.
Sweet Bough. Large; pale yellow; very sweet.
Red Astrachan. Large; bright crimson; rich, acid flavor.

SUMMER.

- American Summer Pearmain.** Medium; red, streaked with yellow.
Maiden's Blush. Large; pale yellow, with a beautiful blush cheek.
Primate, or Belle Rose. Medium size; white, with red cheek; good flavor.
Tetofsky. Medium; yellow, striped with red; firm, juicy.
Townsend. Large; yellow and red.

AUTUMN.

- Duchess of Oldenburg.** Medium; yellow, striped with red; rich and juicy.
Fall Pippin. Very large; rich yellow; sub-acid.

Gravenstein. Large; yellow, striped with red; juicy, and high flavored.

Jeffries. Medium; yellow, striped with red; mild sub-acid flavor.

Nyack Pippin. Very large; conical; yellow, with red cheek.

Orange Pippin. Large; yellow, with red cheek.

Porter. Large; bright yellow; fine sub-acid flavor.

Rambo. Medium; yellow, striped with red; pleasant flavor.

WINTER.

American Golden Russet (Sheepnose). Small; yellowish russet.

Baldwin. Large; deep red; sub-acid and high flavored.

Ben Davis (New York Pippin). Large; bright red, juicy, rich sub-acid.

Bellefleur (Bell Flower). Large; bright golden yellow.

Dominie. Medium; greenish yellow, striped with red.

Fallowater. Very large; greenish yellow, with dark blush cheek; sub-acid.

Fameuse (Snow Apple). Medium; deep crimson; flesh white.

Grimes' Golden Pippin. Medium; bright yellow; rich and spicy.

Hubbardson's Nonesuch. Large; yellow, striped with red; sweet.

King of Tompkins County. Large; yellowish red; rich; sub-acid.

Monmouth Pippin (Red Cheek Pippin). Large; greenish yellow, with red cheek.

Nero. Medium; dark red; sub-acid.

Red Romanite. Medium; dark red; crisp and sub-acid; a good keeper.

Roxbury Russet. Greenish yellow; covered russet; an excellent keeper.

Roman Stem. Medium; yellow, juicy; rich, acid flavor.

Smith's Cider. Large; red, marbled yellow; pleasant; sub-acid.

Smokehouse. Medium; yellow, shaded with red; firm, juicy.

Talman's Sweet. Medium; light yellow, with pale blush.

Tewkesbury Winter Blush. Small; yellow, with red cheek; firm, juicy.

Wine Sap. Medium; dark red; flesh yellow, rich and high flavored.

NEWER VARIETIES.

Price, 50 cts. each; \$5.00 per doz.

Pewaukee. Medium round; bright yellow, striped with dark red; tender and juicy, sub-acid; good quality; a good winter variety.

Red Bietigheimer. Ripening in early fall, large size; light yellow, nearly covered with red.

Wealthy. Medium; yellow, shaded with crimson; tender, juicy, sub-acid; a hardy and vigorous winter variety.

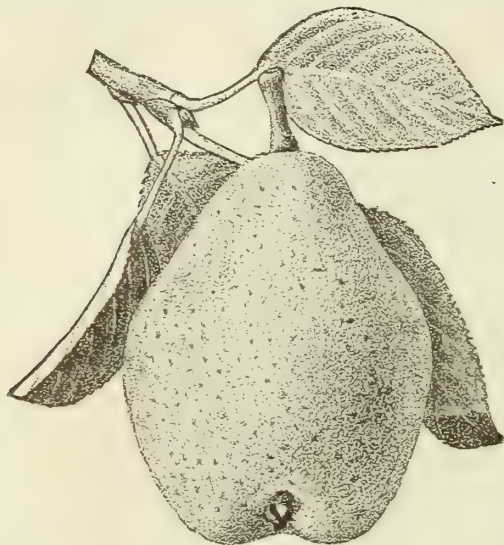
White Carver. Medium to large; bright yellow; agreeable sub-acid flavor; good and regular bearer; a valuable summer variety.

Yellow Transparent. A new Russian variety; clear white skin, changing to a beautiful yellow when fully ripe; of good quality, and for an early apple a good keeper; ripens from ten days to two weeks before the Early Harvest.

Trees and Shrubs are only sent by express or freight at purchaser's expense. We assume no responsibility after delivering in good order to the carriers.

CRAB APPLES.

Price, 50 cts. each; \$5.00 per doz.

Chicago. Small; yellow, with vermilion cheek; ripens late and keeps till midwinter.**Hyslop.** Large; dark red, sprightly sub-acid; excellent for cooking.**Lady Elgin.** Small, fair and handsome; very tender and good to eat uncooked.**Marengo.** Large; bright red on yellow ground; a good keeper.**Yellow Siberian.** Large; fine rich yellow.**STANDARD PEARS.**

Standard Pears, although probably succeeding best on a strong loam, can be grown in almost any good soil, with same treatment as Apples.

Size, 5 to 6 feet. Price, 75 cts. each; \$8.00 per doz.

Size, 6 to 7 feet, \$1.00 each; \$10.00 per doz. Selected specimens.

SUMMER VARIETIES.**Bartlett.** Large; yellow; juicy, fine grained, and of good flavor.**Beurre Gifford.** Medium; pale yellowish green, with red cheek; juicy, sweet; of good flavor.**Brandywine.** Large; russet yellow, red cheek; sweet, juicy and melting.**Clapp's Favorite.** Large; pale yellow, with crimson cheek; juicy.**Doyenne D'Ete.** Small; nearly round; yellow, with red cheek; juicy and sweet.**Le Conte.** A new variety; large; bell shaped; bright yellow; vigorous.**Manning's Elizabeth.** Small; yellow, with bright red cheek; sweet and sprightly.**Osband's Summer.** Small; yellow, with brown cheek; melting and sugary.**AUTUMN VARIETIES.****Belle Lucrative.** Medium; pale yellowish green; very juicy.**Beurre D'Anjou.** Large; russet yellow; very juicy, sprightly, vinous flavor.**Buffum.** Medium; yellow, shaded with red.**Doyenne Boussock.** Large; bright yellow, with russet cheek.**Flemish Beauty.** Large; pale yellow, with a dull blush; juicy and sprightly.**Seckel.** Small; bright russet; juicy and high flavored.**Sheldon.** Medium; bright russet; sweet and aromatic.**WINTER VARIETIES.****Duchess de Bordeaux.** Medium; yellow, with russet cheek; an excellent market variety.**Lawrence.** Medium; pale yellow.**Mount Vernon.** Medium; russet, on a yellow ground.**DWARF PEARS.**

Dwarf Pears require thorough cultivation and great care to grow them to perfection, but are desirable in small yards, or where there is but little room.

75 cts. each; \$8.00 per doz.

Bartlett. For description, see Standards.**Buffum.** For description, see Standards.**Doyenne D'Ete.** For description, see Standards.**Duchess D'Angouleme.** Very large; dull yellow, rich, juicy, buttery, and of good quality; vigorous and productive; the best dwarf. (Autumn and early winter.)**Howell.** Large; yellow, with red cheek and russet dots; juicy and melting, with vinous flavor. (Autumn.)**Kieffer.** Hardy, productive, good flavored. (Winter.)**Louise Bonne de Jersey.** Large, beautiful dull russet; juicy, melting, delicious; one of the best dwarf pears. (Autumn.)**Mount Vernon.** For description, see Standards.**Rutter.** Large; greenish yellow, slightly covered with russet; juicy, melting, slightly vinous; of good quality, and a desirable winter variety.**CHERRIES.**

Cherries succeed best on moderately rich, light, loamy, or sandy soil. Many of the free growing varieties, of pyramidal form and dark, rich foliage, are very ornamental.

75 cts. each; \$8.00 per doz., selected.

Black Tartarian. Large; juicy, and excellent; early and productive**Coe's Transparent.** Pale amber, mottled with red; one of the best early.**Downer's Late Red.** Light red; sweet and luscious; late.**Early Richmond.** Medium; acid; very early; profitable market variety. 50 cts. each; \$5.00 per doz.**Elton.** Large; pale yellow, spotted with red; early.**English Morello.** Large; acid; one of the best for cooking; productive; late.**Governor Wood.** Large; pale yellow, shaded red; sweet, rich, and delicious; productive; one of the best.**May Duke.** Dark red; an early, acid, juicy, well tried variety.**Napoleon Bigarreau.** Large; white, with red cheek; excellent.**Rockport Bigarreau.** Large; pale amber, marbled with red; productive.**Yellow Spanish Bigarreau.** Large; nearly white, with a faint blush; firm, rich and delicious.**PLUMS.**

The Plum will succeed on any soil that is sufficiently well drained, though a rich loam, inclined to clay, produces the most vigorous growth.

5 to 6 feet., 75 cts. each; \$7.50 per doz.

Coe's Golden Drop. Large; pale yellow, with red spots; late.**General Hand.** Large; golden yellow; sweet; productive.**Imperial Gage.** Medium; pale green, shaded yellow; juicy, rich, and productive.**Lombard.** Medium; purple; juicy and vigorous.**Monroe.** Medium; greenish yellow; firm, rich, and pleasant.**McLaughlin.** Large; yellow, dotted with red.**Pond's Seedling.** Large; yellow; vigorous and abundant bearer.**Richland.** Small; light purple; excellent for cooking.**Reine Claude.** Large; pale yellow; juicy and melting; fruit hangs well; a great bearer.**Smith's Orleans.** Large; reddish purple; rich and sprightly; vigorous.**Washington.** Very large; clear yellow, marbled with red.**Weaver.** Large; purple; a regular bearer.**Wild Goose.** Medium; bright red; juicy, sweet, and of good quality; early.**Yellow Egg.** Large; deep yellow; productive and popular.**Yellow Gage.** Medium; golden yellow; rich, sweet, and melting.

PEACHES.

Peaches do best on warm, light, moderately rich soil. The trees should branch low, not having more than 3 or 4 feet of trunk. Trees should grow broad rather than high, to facilitate gathering fruit.

4 to 5½ feet, 25 cts. each; \$2.50 per doz., selected.

Alexander. Large; fine flavored and early.

Amsden's June. Large, beautiful, and of good quality. One of the best extra early Peaches.

Bilyeu's Late October. Large; white, with bright red cheek; a good shipper; very late.

Brandywine. Large; yellow; freestone.

Crawford's Early. A magnificent yellow fleshed Peach; tree regular bearer; fruit of large size, and highly colored.

Crawford's Late. Large; yellow, with red cheek.

Downing. Fruit medium; greenish white, mottled red; flesh white, juicy and sweet.

Early Louise. Medium; bright red; melting, juicy and excellent.

Early Rivers. Large; pale yellow; melting and rich; ripens about two weeks before Crawford's Early.

Foster. Yellow freestone; large; round; good quality.

Hale's Early. Medium; white, with a deep red cheek; flesh white, juicy and agreeable.

Heath Cling. Large; creamy white, with slight blush; rich, juicy and melting; valuable for preserving.

Large Early York. The best of its season; large; white and red; juicy, rich and excellent.

Late Rarripe. Large; pale yellow and red; melting, juicy and rich.

Morris White. Large; white freestone; prized for canning or preserving; a moderate bearer.

Mountain Rose. Early; large; red; flesh white; rich flavor.

Old Mixon Free. Large; sprightly flavor, and bright, handsome color.

Reeves' Favorite. Large; yellow, red cheek; good vinous flavor.

Smock. Medium; yellow, with red cheek; rich and pleasant flavor.

Stump the World. Very large; white, with red cheek; highly flavored; very productive.

Ward's Late Free. Large; white, with red cheek; luscious; late.

Wilder. Large; flesh juicy and rich; vigorous grower.

Waterloo. Medium to large; whitish green in shade, red in the sun; a Peach of great promise; ripens very early.

Wager. Large; yellow, with red cheek; yellow flesh; juicy; fine flavor; valuable for canning.

Yellow Rarripe. Large; orange, red cheek; juicy and melting; pleasant vinous flavor.

APRICOTS.

Plant on a Northern exposure, that the buds may not start early, and be injured by the late frosts. Heavy soil preferable. Prune moderately every spring.

50 cts. each; \$5.00 per doz.

Breda. Small; rich orange color; juicy and high flavored.

Early Golden. Small; pale yellow; flesh yellow, juicy and sweet; productive and hardy.

Peach. Large; deep orange; rich; high flavored.

MULBERRIES.

Valuable on account of its fruit, which is highly esteemed by some, and for its habit of growth, which renders it a desirable shade tree. It is desirable also for the successful growth of the silk worm.

Downing's Everbearing. Fruit large; blue black; juicy, rich, sugary, with a sprightly vinous flavor.

Tree vigorous and productive, continuing in bearing for about three months. A large and desirable shade tree. 4 to 5 feet, 50 to 75 cts. each.

Russian. A rapid grower; specimens 6 years old measuring 20 feet in height and 6 or 8 inches in diameter; they are productive and early bearers; fruit is desirable for dessert or jellies; foliage suitable for silk worms. 4 feet, 25 cts. each; \$2.50 per doz.

White (Morus Alba). Fruit small; nearly white; of inferior quality; tree of rapid growth; cultivated chiefly for food for the silk worm, for which purpose it is valuable. 2 to 3 feet, 25 cts. each; \$2.50 per doz.; 5 to 6 feet, 50 cts. each.

NECTARINES.

A smooth skinned fruit which resembles the peach. Plant on light soil and prune the young growth thoroughly every year.

50 cts. each; \$5.00 per doz.

Downton. Large; pale green, with deep red cheek.

Hardwick. Large; pale yellowish green.

New White. Medium; greenish white, with red cheek.

QUINCES.

Quinces require a deep, rich soil. On account of roots being very near the surface, the ground should be kept well worked and free from grass and sod. Make frequent and thorough search for borers. Do not prune much, but carefully remove the old and decayed wood.



MEECH'S PROLIFIC QUINCE.

Champion. This variety is no longer looked upon as a doubtful acquisition, but its merits are acknowledged by all who have fruited it. It is of upright, symmetrical growth, producing a small, attractive tree. Fruit exceedingly large, pear shaped; bright, handsome yellow, vigorous, hardy and productive. Two years, 3 to 5 feet, well branched. 75 cts. each.

Meech's Prolific. A strong, vigorous grower; immensely productive; fruit uniformly of large size and of very handsome appearance; ripens later than the Orange Quince, from which it also differs in form and shape. It cooks tender and entirely free from hard lumps; unsurpassed for making jelly. One year, 75 cts. each. 2 years, \$1.50 each.

Orange, or Apple. Large; rich golden yellow; firm; productive and desirable for market. 3 to 4 feet, well branched, 50 cts. each.

BLACKBERRIES.

Plant in good soil, in rows 5 or 6 feet apart, and 3 or 4 feet apart in the row. After the fruiting season, or in early spring, cut out all the dead wood. Blackberries should be planted early, before the buds start. A good top dressing of stable manure, applied annually, will be conducive to large crops. Keep the ground clean.

Erie. This is a new berry of great promise, on account of ripening its entire crop at once and early. Berries medium or large size, black when ripe, firm, sweet, and of good quality. 50 cts. each; \$4.00 per doz.

Early Harvest. The berry is of fair size (not large); long form; a splendid shipper and of good quality. Early, hardy and excessively prolific. \$1.50 per doz.; \$8.00 per 100.

Dorchester. Yields fine crops of fruit. Large size; long, glossy, black; of good flavor. \$1.00 per doz.; \$4.00 per 100.

BLACKBERRIES—*Continued.*

Kittatunny. Large; juicy, sweet and excellent; hardy and productive. Considered the best and most profitable late berry. \$1.00 per doz.; \$4.00 per 100.

Wilson's Early. A well known and desirable variety, ripens early, and commands a high price in market. 75 cts. per doz.; \$4.00 per 100.

Wilson Junior. Of large size, unsurpassed productiveness, fine flavor, and early. The largest and best early Blackberry yet introduced. 75 cts. per doz.; \$5.00 per 100.

Lawton (New Rochelle). An old variety, once very popular. 75 cts. per doz.; \$4.00 per 100.

Snyder. Berries medium, but of excellent quality; hardy; of strong growth and enormously productive; ripens early. \$1.00 per doz.; \$4.00 per 100.

CURRENTS.

Currants and Gooseberries should be planted on good soil, which must be kept rich and well worked. Trim out the old wood as soon as it begins to decline, and shorten all the young shoots, to keep the bushes in good shape. Sprinkle ashes around the roots occasionally, to keep the borers away. The currant worm may be destroyed by sprinkling the bushes with powdered white hellebore while they are wet with dew. Where it has been applied, the fruit should not be used without first being washed.

Black Naples. Vigorous and productive; used for jelly and jams, and highly profitable for market in some sections. 2 years, \$1.50 per doz.; \$8.00 per 100.

Cherry. Fruit large, bunch small; deep red; acid. 2 years (very fine), \$1.50 per doz.; \$8.00 per 100.

Fay's Prolific. Color rich red; as compared with the Cherry currant, Fay's Prolific is equal in size, better in flavor, contains less acid, and five times as prolific; and from its long, peculiar stem, less expensive to pick. 2 years, 20 cts. each; \$2.00 per doz.

La Versailles. A popular variety; bunch and berries large, bright crimson; fine, vigorous and productive. 2 years, very fine, \$1.50 per doz.; \$8.00 per 100.

Lee's Prolific. A new black variety; about ten days earlier than Black Naples, with large berries; larger, longer bunches, and even more productive than that prolific variety. 2 years, \$2.00 per doz.

Red Dutch. Medium size; in large bunches; the old and well-known Currant of the garden; a profitable market variety. 2 years, \$1.50 per doz.; \$8.00 per 100.

Victoria. Bunches extremely long; berries medium; brilliant red, and of excellent quality; good grower and profuse bearer. \$1.50 per doz.; \$8.00 per 100.

White Grape. The best white variety; large, sweet and good; best for the table; a good bearer. 2 years, very fine, \$1.50 per doz.; \$8.00 per 100.

GOOSEBERRIES.

Treatment same as for Currants.

2 year, \$1.50 per doz.; \$10.00 per 100, except where noted.

Cluster, or American Seedling. Of good quality; productive and hardy.

Downing. Large; pale green; soft, juicy, and good for family use.

Houghton's Seedling. Medium; pale red; vigorous.

Smith's Improved. Large; pale green; productive bearer; good for family use or for market.

English Varieties. 25 cts. each; \$2.50 per doz.

Add 25 cts. per doz. when ordered to be sent by mail.

RASPBERRIES.

Plant in rows 5 to 6 feet apart, 2 to 4 feet apart in the row. Cut the tops off within a few inches of the ground when planted. After the fruiting season, early in the spring, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer. They will then grow stout enough to stand without staking.

Brandywine. Large; bright red; hardy and productive; an old variety, extensively grown for market. 75 cts. per doz.; \$3.00 per 100.

Caroline. Large; orange yellow; of luscious flavor; a strong grower; prolific and entirely hardy; excellent for home use. \$1.50 per doz.; \$8.00 per 100.

Cuthbert, or Queen of the Market. Large; firm; deep, rich crimson; of excellent quality; tall, strong and vigorous; perfectly hardy, and very productive; succeeds well in almost all localities; ripens medium to late. \$1.00 per doz.; \$4.00 per 100.

Hansell. Medium; bright crimson; very firm, rich, and of good quality; very early, ripening ten days in advance of Brandywine; desirable for market or home culture. \$2.00 per doz.; \$8.00 per 100.

Golden Queen. Berries large golden yellow, bright and firm, and of fine, rich flavor; vigorous, productive and healthy. 40 cts. each; \$4.00 per doz.

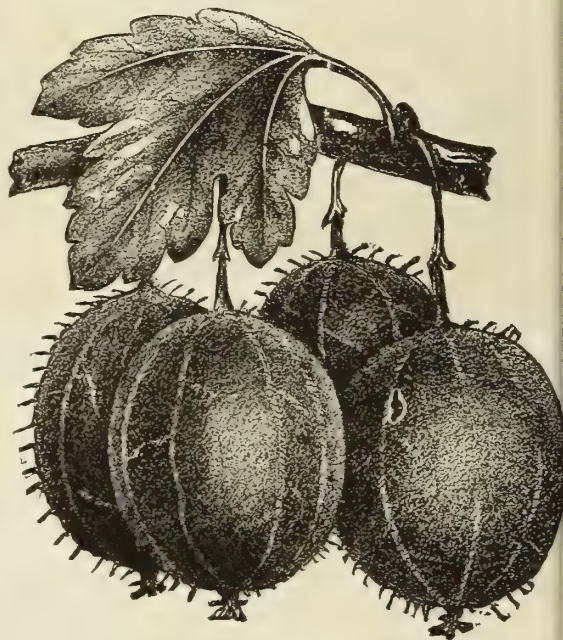
Philadelphia. Dark crimson; a variety grown for market, on account of its hardiness and productiveness. 75 cts. per doz.; \$4.00 per 100.

Gregg. A large black variety; fruit firm, of excellent quality and a good shipper. \$1.50 per dozen; \$8.00 per 100.

Shaeffer's Colossal. An immense raspberry in point of fruit, cane and productiveness; dark color, and late. Agreeable, sub-acid flavor; of special value for canning or preserving. \$1.00 per doz.; \$5.00 per 100.

Superb. A most delicious berry; enormously productive; fruit dark scarlet, and of largest size; plant very hardy. As early as most red raspberries, and continues to bear till late. \$2.50 per doz.; \$10.00 per 100.

Turner, or Southern Thornless. Medium size; bright color; sweet and rich, hardy, and exceedingly productive. 75 cts. per doz.; \$3.00 per 100.



INDUSTRY GOOSEBERRY.

INDUSTRY GOOSEBERRY.

A Gooseberry possessing desirable qualities for table and market has long been a desideratum. The best American varieties have failed to satisfy the requirements, being too small and of poor flavor. The foreign varieties, wherever tried, have either mildewed more or less, or they have made an unsatisfactory growth. Hence a large, handsome sort of good quality has been much sought after. We take pleasure in submitting to the public a variety which we think destined to revolutionize gooseberry culture in this country. Although a foreign sort, it has done admirably for three seasons, being a vigorous grower and an immense yielder, and showing no signs of mildew. The annexed illustration shows the size of the fruit. We confidently recommend it for the garden and market, being unequalled for size, flavor, productiveness and vigorous growth. Color dark red.

25 cts. each; 5 for \$1.00; 12 for \$2.00.

Strawberries.

To cultivate the Strawberry for family use, we recommend planting in beds 4 feet wide, with an alley 2 feet wide between each bed. These beds will accommodate 3 rows of plants, which may stand 15 inches apart each way, and the outside row 9 inches from the alley. The beds can be kept clean easier and the fruit gathered without setting the feet upon them. The ground should be well prepared by trenching or ploughing at least 10 or 12 inches deep, and be enriched with well-rotted manure, ground bone, wood ashes, or any good fertilizer. When the ground freezes in the early winter, cover the entire bed with salt meadow hay to the depth of 1 or 2 inches. If this cannot be had, use straw, which is improved by being cut; cornstalks, long manure, leaves, shavings, or other material that will not pack and smother the plant, will answer the purpose. In the early spring remove part of the covering, and place as much as possible under the foliage of plants to keep the fruit clean and the weeds from growing.



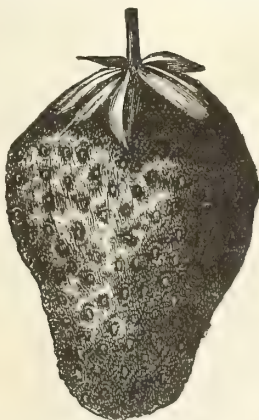
STRAWBERRIES—POT-GROWN.

removal, and a crop can be taken from the ground, such as Peas, Beans, Lettuce, Radishes or other early summer vegetables, before the time of planting, and a crop of fruit secured in 10 months after planting.

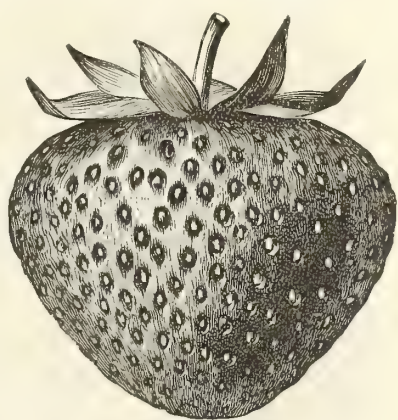
Prices quoted in this catalogue are for layer plants grown in the regular way. Pot-grown plants will be ready for delivery after August 1st. Orders booked for plants to be grown especially, which insures the delivery of plants in the best possible condition. Prices for pot-grown plants are from \$3.00 to \$4.00 per 100, according to variety.



CLOUD'S SEEDLING.



BIDWELL.



BOMBA.

Atlantic. Strong, vigorous grower, large, healthy foliage and very productive, berries large, firm and of a deep crimson color, ripening late.

Belmont. Large crimson oblong, very solid and sweet, and of extra flavor. Its texture is exceedingly fine, having no hard or unripe spots; it colors evenly, and is a remarkable keeper.

Bidwell. Berries average large, conical, with a slight neck, but quite regular, and of a rich crimson color, quite firm.

Bomba. A seedling of Crimson Cluster, strong grower, healthy foliage, fruit large size, firm and of a rich crimson color. If planted by itself it will produce a very large crop.

Charles Downing. Medium to large, conical, bright crimson, moderately firm, juicy and of superb flavor. One of the very best for home use.

Crescent Seedling. Very productive, profitable for a near market, but too soft for shipping long distances. Medium size, attractive in color and form.

Cloud's Seedling. The fruit is very firm, large, and the vines entirely free from rust. This new variety is well worthy a trial by every one interested in strawberries.

Crimson Cluster. Berry very large and of a rich crimson color. Many plants average fully a quart to a plant. The habit of the plant is vigorous, and the berries are carried high above the ground in large and profuse clusters.

Cumberland Triumph. Large, light red; regular in form and size, and of good quality.

Glendale. Large, firm, attractive color, rather acid; a prolific bearer. A profitable late variety.

Henderson. Firm, solid flesh, of exquisite flavor, color deep crimson; of large size, good form and productive. Berries are borne on strong stalks well above the ground. Valuable for family use or market.

Jersey Queen. Berries are large, of pleasing flavor, attractive color and very firm. Can remain on the vines several days after ripening without rotting. An excellent market sort.

Kentucky. An old and well-tried variety; of fair size and good flavor. A regular bearer; desirable for home use or near market.

Jewell. One of the finest varieties; produces an abundance of very large, high colored, solid and firm berries of a bright red color.

Lennig's White. Highly perfumed and of fair quality.

Longfellow. Large, deep crimson; very firm, highly flavored and sweet; a good bearer, and specially desirable for home use.

Manchester. Large size; bright color; firm; of best flavor. Plants hardy and vigorous, and remarkably productive.

Miami. This new Strawberry leads all others in vigor of growth, and will not heave by frost, or suffer from drought, the roots being so thoroughly matted and strong that they will withstand quite severe weather. The fruit, which it bears in large quantities, is very sweet, of a deep, glossy red color, and of large size.

Monarch of the West. Very large, globular, and of fine flavor. Plant strong, vigorous and productive.

Parry. Very productive; bearing large, high flavored berries of a bright crimson color. Fruit stalks strong, carrying the fruit well above the ground.

Prince of Berries. Large size; brilliant color; firm texture; very fine flavor, resembling the wild strawberry; plant vigorous and healthy.

Seth Boyden (No. 30). Large, bright crimson; juicy, rich, firm and good; one of the well-tried and popular standard varieties.

Sharpless. Very large; clear red; firm, sweet, and of good quality; somewhat irregular; a rapid and vigorous grower.

HARDY GRAPES.

Grapes will flourish and bear abundantly on almost any good, dry soil, especially if the vines are trained against a building. We would emphatically urge all farmers, and others who have barns or buildings, to plant grape vines about them. Many varieties will do well when thus supported and protected, where they are worthless grown on arbors. Nor is it necessary for persons to conclude, because some of the more tender varieties will not grow with them, that they cannot have grapes, because there are kinds adapted to almost every locality, that may be grown on a very cheap and simple arbor, or even on single poles or stakes.

Agawam (*Rogers' No. 15*). Large; dark red; sweet, sprightly, pleasant aromatic flavor; vigorous and productive.

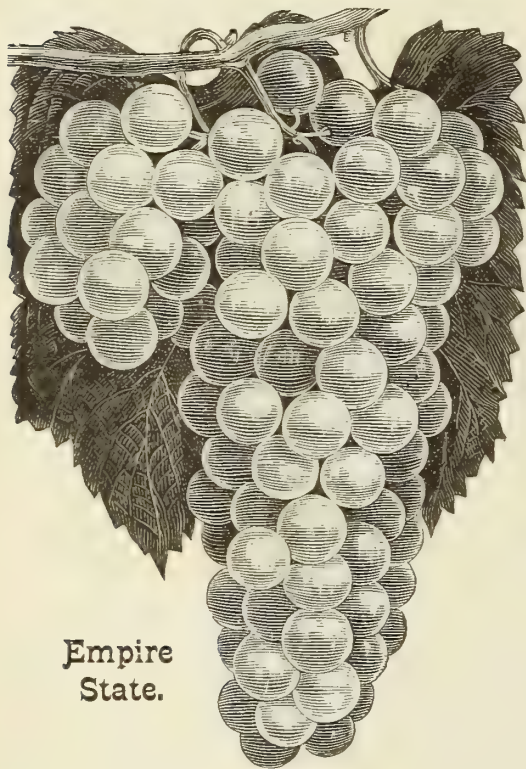
Bacchus. An excellent black grape; fine flavor and attractive appearance; bunch large. 75 cts. each.

Brighton. In color and form it resembles the Catawba, combining its sprightliness with the richness of the Delaware; vines vigorous, hardy and productive; early.

Catawba. A very late keeper; red, sweet and rich, with pleasant musky flavor. Does best against buildings.

Champion, or Talman. Bunch compact, medium to large. Berries large and black. Vine a strong, vigorous grower; healthy, hardy and productive.

Clinton. Small; black. The fruit does not get fully ripe until after frost; it is then very sweet.



**Empire
State.**

Creveling. Black; bunch and berry medium; vine healthy and productive. Ripens with Concord.

Concord. Popular; one of the most profitable and productive of all hardy grapes. Bunch and berry large; black, juicy and sweet; early; hardy.

Dawn. Vine healthy, vigorous and very productive; bunch medium to large; berry medium; black; skin thin but firm; flesh tender, juicy, sweet, rich and of very good quality; a valuable early grape. 50 cts.

Delaware. Small; light red; skin thin; very juicy, sweet, sprightly, fine flavor. Requires a rich soil.

Diana. Medium; pale red; sweet, rich and aromatic; late; hardy. Productive when trained against a building.

Duchess. Medium size; greenish white; flesh tender; juicy, sweet, rich, spicy; excellent quality. Medium to large size; compact bunch. Vine a strong, vigorous grower, very productive and hardy; ripens with Concord. 50 cts. each; \$5.00 per doz.

El Dorado. A very beautiful grape; clear, golden yellow; bunch and berry large; flesh tender, juicy, rich, and of best flavor; vine healthy and vigorous; ripens a week or ten days before Concord. 50 cts.

Empire State. White, fine flavored and productive. Vine vigorous and hardy. 50 cts.

Excelsior. Vine moderately vigorous; bunch large to very large; shouldered; moderately compact; berry medium to large; roundish; flesh meaty, tender, rich and sweet, with a fine aromatic flavor; ripens late. 50 cts.

Jefferson. Vine very vigorous, hardy and productive; bunch very large, often double shouldered, very compact; berries large, roundish oval; light red; juicy, sweet, slightly vinous. 50 cts.

Jessica. A new white grape, resembling the Champion in many respects, though of better quality; remarkably early. 50 cts. each.

Lady Washington. Vine healthy and vigorous; bunch large and compact; berry large; beautiful pale yellow, tinged with pink where exposed to the sun; flesh soft, tender, juicy, sweet and of good quality; ripens a few days after Concord. 50 cts.

Iona. Medium; pale red; sweet and sprightly; vigorous and productive.

Lindley (*Rogers' No. 9*). Red; juicy, sweet and slightly foxy; resembles the Catawba.

Martha (*White Concord*). Large; pale yellow; strongly resembles the Concord in all points except color; hardy and vigorous.

Merrimac (*Rogers' No. 19*). Large; black; juicy, sweet and good; generally reliable.

Moore's Early. Ripens 10 days earlier than Concord; bunch and berry round and large; black, with a heavy blue bloom; good quality.

Naomi. Berry clear, attractive rose color, with thin skin and good flavor; bunch large; vine vigorous and healthy. 50 cts.

Niagara. Vine remarkably hardy and strong grower; bunches very large and very compact; sometimes shouldered; uniform; berries large, or larger than Concord; light greenish white, semi-transparent, slightly ambered in the sun; skin thin, but tough and does not crack; quality good; has a flavor and aroma peculiarly its own. 50 cts. each.

Pocklington. A seedling of the Concord, resembling that variety in leaf, vine, habit of growth, hardiness and productiveness. Bunch and berry very large; attractive golden yellow color; ripens with Concord. 50 cts. each.

Prentiss. Bunch large and compact; berry medium to large, of yellowish green color; skin thin, but very firm; sweet, juicy, with a pleasant musky aroma. Vine a good grower, very hardy and productive; inclined to overbear; ripens with the Concord; a remarkably good keeper. 50 cts. each.

Salem (*Rogers' No. 22*). Large; bright reddish brown; fine, rich, aromatic flavor.

Telegraph. Large; black; juicy; sweet, agreeable flavor; early and hardy.

White Lady. Bunch compact and of good size; berry yellowish green; flavor sweet, rich and sprightly.

Wilder (*Rogers' No. 4*). One of the best of Rogers' seedlings; bunch and berry large; black, with a slight bloom; pulp tender, juicy, sweet and rich; vigorous and productive; ripens with Concord.

Worden. A few days earlier than Concord; a larger berry, and a larger and more compact bunch, of black color; hardy, healthy, of fine quality and desirable.

Vergennes. Bunch and berry large, of chocolate color; ripens early, and keeps until midwinter. 50 cts.

Wyoming. A decidedly fine, early, red grape; bunch and berry double the size of the Delaware, of same color, and resembles it in flavor; ripens 10 days before the Concord. 50 cts. each.

Strong selected 2 year vines, 30 cts. each; \$3.00 per dozen, except where noted.

FOREIGN GRAPE VINES FOR GROWING UNDER GLASS.

Many people are deterred from growing exotic grapes owing to the opinion that they are difficult to grow, or require some specially planned and equipped house. Nothing, however, is farther from the truth than these ideas, for with an ordinary greenhouse and attention fine crops of fruit may be obtained with very little labor and expense. To intending growers we would recommend Chorlton's Grape Growers' Guide. 75 cts., postpaid.

The following list comprises only the best varieties for general use. The vines are all of the best quality, extra fine and strong. The varieties marked with an asterisk (*) require warm vineries.

BLACK.

Black Hamburg.

" **Barbarossa, or Prince Albert.**

" **Prince.**

* **Grizzly Frontignan.**

* **Gros Colman.**

Muscat Hamburg.

* **Lady Downs.**

* **Royal Ascot.**

1 year old, \$1.00 each; 2 years old, \$2.00 each.

YELLOW OR WHITE.

* **Bowood Muscat.**

Buckland's Sweetwater.

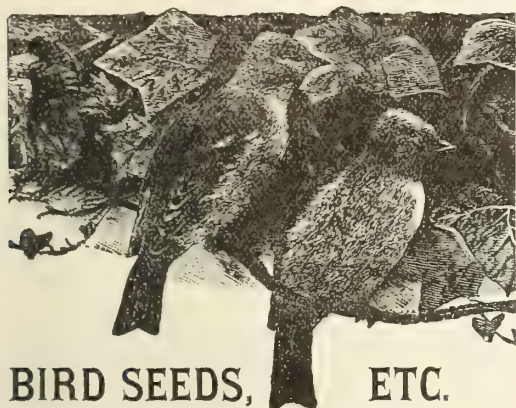
Chasselas de Fontainebleau.

* **Duchess of Buccleugh.**

Golden Hamburg.

* **Muscat of Alexandria**

White Frontignan.



BIRD SEEDS, ETC.

The Bird Seeds we offer have all been re-cleaned, and are of the very best quality, free from must and other impurities that are injurious to the health of birds.

Mixed Bird Seed. For Canaries, etc. Qt. 20 cts.

Canary (*Phalaris canariensis*). Sicily, for Canaries. Qt. 20 cts.

Hemp (*Cannabis sativa*). Russian, for Parrots, etc. Qt. 15 cts.

Millet (*Yellow or White*). For Canaries, Sparrows, etc. Qt. 15 cts.

Rape. English or German, for Canaries, Linnets, etc. Qt. 25 cts.

Rough Rice (*Oryza sativa*). Unhulled, for Java Sparrows, etc. Qt. 25 cts.

Wild Rice (*Zizania aquatica*). For sowing in marshy places; it produces an abundance of seed which is greedily eaten by wild fowl. Lb. 25 cts. Postpaid 40 cts.

Russian Sunflower. For parrots, etc. Qt. 20 cts., postpaid 35 cts.

Maw Seed (*Papaver rhæas*). For young and sick birds during moulting. Oz. 10 cts., lb. 25 cts.

Bird Lettuce Seed (*Lactuca sativa*). For young, sick, and moulting birds. Oz. 10 cts., lb. 60 cts.

Cuttle Fish Bone. For birds to pick at, and sharpen their bills, etc. Oz. 10 cts., lb. 60 cts.

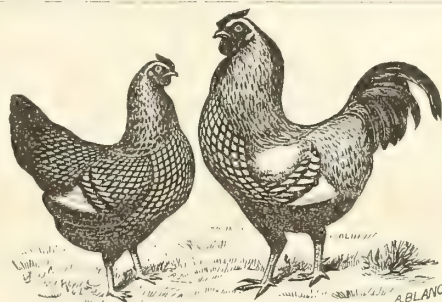
Canary Bird Powder, or Song Restorer. An invigorating tonic and restorative for Canaries, Goldfinches, Linnets, and all seed-eating birds. This preparation will in every case restore their natural notes to birds that have lost their song from cold or moulting. (By mail 30 cts.) Per box, 25 cts.

Bird Lice Destroyer. Non-poisonous, simple, and effective. Put up in Bellows Boxes, which facilitate its application. (By mail, 30 cts.) Per box, 25 cts.

White Bird Sand. Washed and prepared for birds. Qt. 5 cts. (Not mailable.)

Red Bird Sand. Washed and prepared for birds. Qt. 5 cts. (Not mailable.)

Remit in addition to price for Bird Seed 8 cts. per lb., 15 cts. per qt., when ordered to be sent by mail.



POULTRY SUPPLIES.

Imperial Egg Food. Very useful for making hens lay winter and summer; it supports them during moulting, and keeps the fowls in the best condition. It is estimated that one-half of the chickens and turkeys hatched annually die before reaching maturity. It supplies all the needed material for forming bones, muscles and feathers; it strengthens the digestive organs and makes the fowls healthy and more profitable. 1 lb. pkg. 50 cts., by mail 65 cts.; 2½ lb. pkg. \$1.00, by mail \$1.40; 6 lb. pkg. by express \$2.00; 25 lb. keg by express \$6.50.



Spratt's Challenge Poultry Meal. One of the most successful foods for rearing all kinds of poultry. Used at all the important English Poultry Shows. Contains the ingredients necessary to keep fowls in health and to encourage the laying of eggs. Duck raisers will find it especially valuable for ducklings. 2 lb. package 20 cts., postpaid 50 cts.; 10 lb. bags 75 cts.; 100 lbs. \$6.50.

Pratt's Food. Will make hens lay all the year, and is excellent for feeding to young chicks. For



large fowls, mix 1 ounce with the food for 15 or 20. For 15 or 20 chicks, give ½ ounce every other day. 1½ lb. package, 25 cts.; 5 lb. package, 60 cts.

Royal. Supplies the needed material for strengthening the digestive organs, and making vigorous, healthy and profitable fowls. For 15

to 20 fowls stir in their food about two tablespoonfuls mixed with a little water, and feed every day. For young chicks and turkeys mix half the quantity and feed every other day.

8½ cts. per lb. in 10 lb. bag; or 2 lb. pkg. 20 cts.



GREEN FLY.

RED SPIDER.

BLIGHT.

MEALY BUG.

SCALE.

THRIP.

Hammond's Slug Shot. One of the cheapest and best powders for destroying the Cut Worm, Potato Bug, Chinch Bug, Rose Bug, Rose Slug, Curculio, Worms or Caterpillars upon Vines, Tobacco, Cotton or Egg Plants, Currants and Fruit Trees. It is an excellent fertilizer; plants upon which it is used will grow and look much finer than those upon which it is not. It contains nothing injurious to domestic animals, and does not deteriorate by age. On low growing plants it should be dusted on with a very fine sifter. On tall shrubs and trees it should be applied with the Double or Single Cone Bellows. 5 lbs., 30 cts.; 10 lbs., 60 cts. Bags, 100 lbs., \$5.00; in barrels in bulk, weighing 225 lbs. net, 4 cts. per lb. Tin canisters with perforated tops, holding $\frac{3}{4}$ pint, 25 cts.; by mail, 40 cts.

Combined Soap. Good's New Preparation. Most effective for destroying Insects. In cans, with directions. $\frac{1}{2}$ lb. cans, 15 cts.; 1 lb. cans, 25 cts. each; by mail, 25 and 40 cts.

Carbolic and Whale Oil Combined, in cans, with directions. Three sizes, 30, 50 and 80 cts. each; the two small sizes only available; mailed for 40 cts. and 75 cts. Quantities of 25 lbs. and upwards at 15 cts. per lb.

Carbolic Acid Soap. Kills and drives away Lice, Fleas, Ants, Bugs, Worms, Grubs, and all insects that destroy animals and plants. With directions. Per cake, 10 cts.; by mail, 20 cts.

Flour of Sulphur. A preventive and cure for mildew on grape vines, etc. Per lb., 10 cts.; by mail, 25 cts.

Grape Dust. A preparation for destroying Mildew on Grape Vines. Can also be used on plants or trees affected with Mould, Mildew or Rust Mites, either in Green-houses or the open air. Its diffusibility is great, one part of Grape Dust will spread itself over a greater surface than Sulphur. To be thoroughly effectual, it must be applied frequently by dusting, as atoms of fungi are always spreading or floating. Apply at the first appearance of trouble. Dust on a warm, dry day. 5 lb. pkge. 35 cts.

Gishurst's Compound. Extensively used in England, on the Continent, and in this country, for preventing and destroying Green Fly, Mildew, Thrip, Mealy Bug and Scale. Per box, 75 cts.; by mail, 90 cts.; 3 lb. box, \$1.50.

Hellebore. For destroying Rose Slugs. One or two applications are usually sufficient for a season, and it is thoroughly effective. With directions. Per lb., 35 cts.; by mail, 50 cts.; per bottle, 20 cts.; by mail, 35 cts.

London Purple. One of the best destroyers for insects. It is cheaper and less dangerous than Paris Green. The proper proportions for using are at the rate of one pound to 150 gallons of water. The best article for spraying apple trees. Lb., 20 cts.; postpaid, 35 cts.; 10 lbs., \$1.75; 100 lbs., \$15.00.

Pinner's Tobacco Soap. A convenient and potent specific for destroying insects, parasites, and their eggs, infesting either plants or animals. Per lb., 50 cts.; postpaid, 65 cts.

Pyrethrum Roseum, or Persian Insect Powder. For destroying Roaches, Ants, Fleas, and all other noxious insects. Per lb., 75 cts.; by mail, 85 cts.; per bottle, 25 cts.; by mail, 40 cts.

Pure Paris Green, for destroying potato bugs. It is effectual for destroying that pest. Directions for use with each package. 30 cts. per lb.; by mail, 45 cts.

Whale Oil Soap. An effectual remedy for destroying and preventing insects on plants, trees, vines, etc., for washing down the bark of trees, Grape Vines, etc. In cans, with directions. Three sizes, 20, 35 and 60 cts. each; the two small sizes only available, 30 and 60 cts. Quantities of 25 lbs., 10 cts. per lb.

Soluble Fir Tree Oil. A preparation for destroying insects and parasites, such as Mealy Bug, Red Spider, Scale, Thrip, Green Fly, Fleas, etc. It answers every purpose as an Insecticide, is harmless to the hands and skin when used as an Insecticide, or when applied for destroying parasites on animals or man, or when used as a wash for dogs. Full directions with each can. Gallon, \$5.00; half gallon, \$2.50; quart, \$1.50; $\frac{1}{2}$ pint, 50 cts.; small bottle, 25 cts.

Tobacco Dust. Cheaper than snuff, and quite as effectual. A sure remedy for Green Fly. 5 lb. package, 25 cts.; 100 lbs., \$3.50.

Tobacco Stems, for fumigating. Per lb., 10 cts.; per bbl., \$1.25; in bales of about 250 lbs., \$2.50.

Implements for Applying Insecticides.

The Eureka Fumigator (Galvanized). An effectual apparatus for the fumigation of Green-houses, Conservatories, Frames, Hospitals, Ships, Poultry-houses, or Rooms. It is of simple construction, and not liable to get out of order. When once lit it is self-acting, and may be left in the house with perfect safety; as flaring it is an impossibility, all the material is completely consumed without waste and gives off a dense smoke. Made of extra heavy sheet iron.



No. 1. Height 12 in., diam. at top 5 in. For a house 10x20 ft. Holds $\frac{1}{2}$ peck of stems. \$1.50.

No. 2. Height 16 in., diam. at top 7 in. For a house 12x40 ft. Holds 1 peck of stems. \$2.50.

No. 3. Height 20 in., diam. at top 9 in. For a house 15x100 feet. Holds $\frac{1}{2}$ bush. stems. \$3.00.

No. 4. Height 24 in., diam. at top 12 in. For a house 20x100 ft. Holds $\frac{3}{4}$ bush. of stems. \$4.00.



Single Cone, Woodason Powder Bellows.
\$1.00 and \$2.25.



Double Cone, Woodason Powder Bellows.
\$3.50.



Paris Green, Slug-Shot and Plaster Dusters.

An effectual and cheap duster for dry powders. With handle as figured either fine or coarse mesh.

25 cts. each.

With side handle for using with pole. 20 cts. each.

Eddy's Paris Green Dusters.

An effective device for dusting powders. \$1.50 each.

The Eclipse Vine and Plant Sprinkler.

An improved water sprinkler, with sifter attachment, especially adapted for applying Paris green water, Paris green powder compounds, plaster, ashes, etc., to potato vines and other plants. It is the easiest, handiest and most practical sprinkler for effectually destroying the potato beetle, and other insects. The Eclipse is made of the best material and is practically rust proof and indestructible. With one-half teaspoonful of Paris green to each sprinkler of water, 250 hills of potatoes or other plants can be quickly and successfully treated; or, with sifter attachment, a powder can be applied equally as well.



For water only.....\$1.25
" " and powders.....1.50



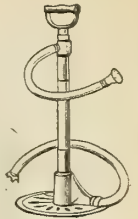
GREENHOUSE.

Force Pump.
For attaching to box or barrel. Will throw a stream 75 feet. \$8.00.

Excelsior Force Pump.

Compact, portable; can be used for a variety of purposes. \$7.50.

Daisy Tin Force Pump, \$1.75.



EXCELSIOR.

Aquarius Force Pump.

One of the best of the small hand or greenhouse pumps. Excellent for spraying roses, etc. \$8.00.

Deakin's Double Action Fountain Pump.

Of brass, and well made. Will throw a continuous stream 20 to 30 feet. \$7.50.

SYRINGES.—No. 13. Tin, 14 in. long, 2 in. diam. \$1.00.

Lewis' brass syringe, spray only, 20 in. long, 1½ inch diam. \$1.50.

Lewis' zinc syringe, spray only, 20 in. long, 1½ inch diam. \$1.00.

FERTILIZERS.

We keep but one grade of Fertilizers and that the highest. Procuring our supplies from honorable houses we are confident that our customers will receive full value.

Ammoniated Bone Phosphate. One of the best fertilizers for dressing lawns or mixing with potting soil. A perfectly pure and high grade phosphate. 5 lbs., 25 cts.; 100 lbs., \$2.50; 200 lb. bag, \$4.00; ton, \$32.00.

Bowker's Ammoniated Food for Flowers. Made especially for plants grown in the Conservatory, House or Garden; clean, free from offensive odor. Full directions with each bag or package. Package, 35 cts.; by mail, 50 cts.; 5 lb. bag, 75 cts.; 10 lbs., \$1.25; 50 lbs., \$3.50.

Bowker's Kitchen Garden Fertilizer. A general kitchen garden manure; may be used on all garden crops, fruits, etc.; easily applied, free from weed seeds, and will give as large crops as stable manure. It has very little odor, and clean to handle. Every one who has a garden should give it a trial. Bags of 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

Bowker's Lawn Dressing. This dressing is prepared so that it acts gradually through the season. It may be applied at any time during the spring, summer, or autumn, or as often as the grass seems to need nourishment. It will restore many lawns to full luxuriance that have been nearly ruined by drought. Bags of 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.



Bone Flour.

Ground perfectly fine; an excellent fertilizer for pot-plants or beds where an immediate effect is wanted. 5 lb. bag, 30 cts.; 25 lbs., \$1.25; 100 lbs., \$4.00; bbl., 200 lbs., \$6.00.

Crushed Bone.

Ground coarse, for grape borders. 200 lb. bag, \$5.00; per ton, \$40.00.

Dreer's Pure Ground Bone. Excellent for restoring and quickening grass plots, gardens, etc. Apply 400 to 600 lbs. to the acre. 5 lbs., 25 cts.; 100 lbs., \$3.00; sack of 200 lbs., \$4.50; per ton, \$40.00.

Land Plaster. Excellent for composting, fertilizing or mixing with guano. 25 lb. bag, 50 cts.; 100 lb. bag, \$1.00; barrel, \$1.50; per ton, \$10.00.

Pulverized Sheep Manure. Excellent for mixing with potting soil or lawn dressing. 50 lbs., \$2.50; 100 lb. sack, \$5.00.

Pure Peruvian Guano. The quantity used per acre is three to four hundred pounds; before using, mix with loam or plaster. It should not be mixed with lime, ashes, muck or clay; nor should it come in contact with growing plants when used in a dry state. 1½ lb. box, 15 cts.; 3 lb. box, 25 cts.; 5 lbs. in a tin box, 40 cts.; per 100 lbs., \$4.00; per sack of 200 lbs., \$7.00; per ton, \$65.00.

Truxillo Guano. Prepared with especial care for garden crops and small fruits. 5 lbs., 25 cts.; per 100 lbs., \$3.00; sack of 200 lbs., \$5.50; per ton, \$45.00.

Granulated Tobacco. For fertilizing lawns, etc.; will keep the lawn green and will not burn nor injure it in any way. 5 lbs., 25 cts.; 25 lb. bag, \$1.25; bbl., 200 lbs., \$5.00.

Powdered Tobacco and Sulphur. An odorless and clean fertilizer and effective as an insect destroyer. 5 lb. bag, 40 cts.; 25 lbs., \$1.50; 100 lbs., \$5.00.

Star Bone Phosphate. Contains a large percentage of soluble bone phosphate of lime, and is a stimulant to a quick and healthy growth. Apply 400 to 600 lbs. to the acre. 5 lbs., 25 cts.; 10 lbs., 50 cts.; 25 lbs., \$1.00; 100 lbs., \$2.50; sack of 200 lbs., \$4.00; per ton, \$32.00.

Salt. For top dressing lawns or asparagus beds. Apply very early in spring at the rate of eight to ten hundred pounds per acre. 200 lbs., \$1.50; per ton, \$10.00.

Sward Food. A first-class top dressing for lawns, meadows and grass lands; it insures a thick matted growth of roots, and brings no weeds. Approximate quantity to be used, per acre, 600 to 1000 lbs. No unpleasant odor and quick results. Ten lb. bag, 50 cts.; 25 lbs., \$1.00; 100 lbs., \$2.75; barrel of 250 lbs., \$5.50.

Tobacco Stems. For spreading on lawns in winter. A useful fertilizer and destroyer of grubs and insects which infest grass lands. Bale, \$2.50; per ton, \$18.00.



Canada Unleached Hardwood Ashes. Indispensable as a lawn dressing or for applying to orchards. They should be applied late in fall or early in spring so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Our ashes are screened and are in proper condition for immediate use. Apply at the rate of 1000 to 1500 lbs. per acre. 50 lbs., \$1.25; bbl. about 250 lbs., \$3.50; ton, \$20.00.



Dreer's Pure Bone Meal. Ground expressly for our trade. Better than Ground Bone for mixing with potting soil, as it is much finer, and in better condition for giving immediate effect. 3 lb. box, 15 cts.; 5 lb. bag, 25 cts.; 100 lbs., \$3.00; 200 lb. bag, \$4.50; per ton, \$40.00.

Excelsior Flower Food. Just the thing for pot plants. Full directions on each package. 15 cts. per package; 20 cts. post-

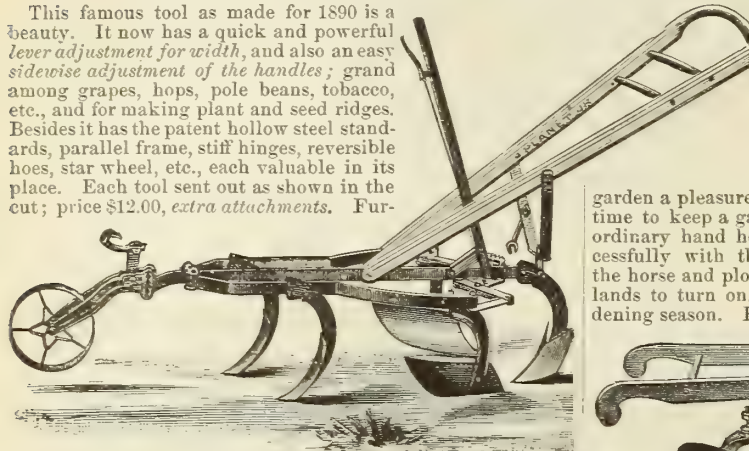
paid; \$1.60 per doz., by express.

Kainit. One of the most useful ingredients for making "Commercial" fertilizers or using alone. Apply at the rate of 1000 lbs. per acre. If used on lawns it should be spread before the grass begins to grow. A useful fertilizer for asparagus beds. 200 lbs., \$2.00; per ton, \$15.00.

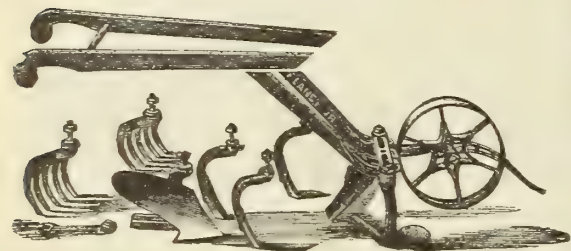
"Planet Jr." Farm and Garden Tools.

The "Planet Jr." Steel Horse Hoe, Cultivator, Furrower, Marker, Coverer, Vine Turner, etc.

This famous tool as made for 1890 is a beauty. It now has a quick and powerful lever adjustment for width, and also an easy sidewise adjustment of the handles; grand among grapes, hops, pole beans, tobacco, etc., and for making plant and seed ridges. Besides it has the patent hollow steel standards, parallel frame, stiff hinges, reversible hoes, star wheel, etc., each valuable in its place. Each tool sent out as shown in the cut; price \$12.00, extra attachments. Fur-

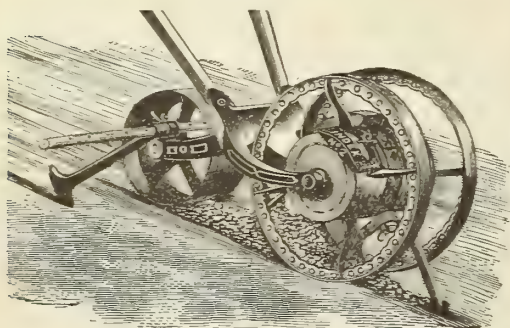


rower and Marker complete, price \$3.75. Covering Rake, \$1.25. Covering Roller, \$2.50. Vine Turner, \$2.00.



The "Planet Jr." Single-Wheel Hoe, Cultivator, Rake and Plow Combined.

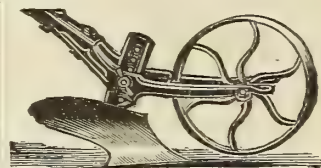
This tool is capable of doing nearly all kinds of hand garden work in a superior manner. We have added to it a detachable leaf guard to prevent injury to large or spreading plants, a strong and neat pair of rakes, and a pair of four-inch sweeps in place of the narrow cultivating teeth. Price, boxed, \$6.00.



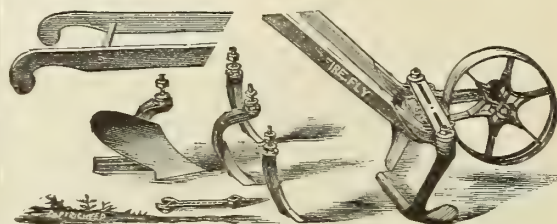
The "Planet Jr." No. 2 Drill.

It has an adjustable opening plow. No hoeing attachments. This drill can readily be kept in a straight line and sows with ease and accuracy any and all vegetable and flower seeds, covering them just the depth required. The cleaner in front of the plow prevents trash from collecting on the plow. Holds $2\frac{1}{2}$ quarts. \$9.00, boxed.

The "Fire-Fly" Wheel Garden Plow.

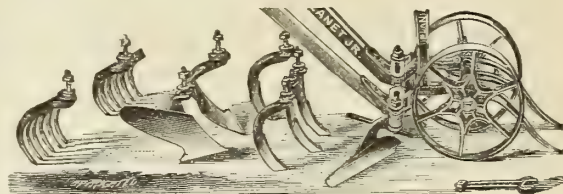


Makes the care of a vegetable garden a pleasure, and 10,000 families who could not find time to keep a garden, if attempting cultivation with the ordinary hand hoe, can raise their own vegetables successfully with the "Fire-Fly." It takes the place of the horse and plow, or cultivator, requiring no wide headlands to turn on, and is invaluable during all the gardening season. Price \$2.50.



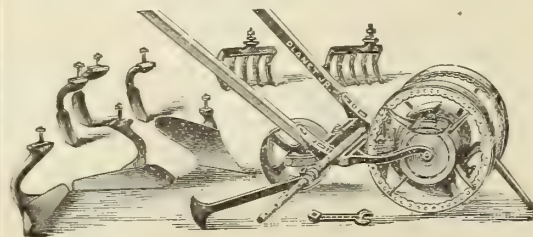
The "Fire-Fly" Single-Wheel Hoe, Cultivator and Plow Combined.

This neat and convenient machine is a prime favorite, and is capable of a great variety of work. The tools supplied with it are one pair of curved point hoes, one pair of narrow cultivating teeth, one wide cultivating tooth, one large garden plow. Price, boxed, \$5.00.



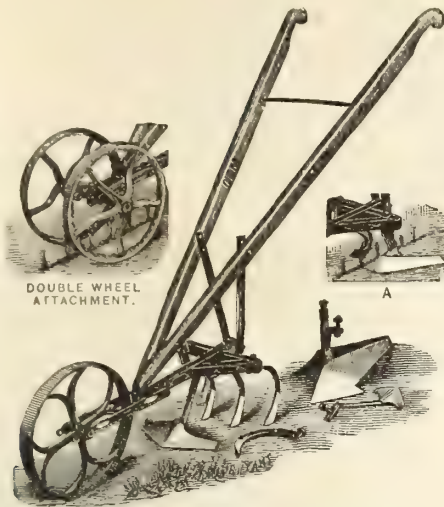
The "Planet Jr." Double-Wheel Hoe, Cultivator, Rake and Plow Combined.

This hoe is a great favorite, especially for field work. It hoes both sides of the row at once at the speed of a moderate walk. Price, boxed, \$8.00.



The "Planet Jr." Combined Drill, Wheel Hoe, Cultivator, Rake and Plow.

This is the most popular combined garden tool known, and not undeservedly; for in its construction are combined strength, simplicity and efficiency, while in the field it has long been peerless. It has been for years unequalled as a seed planter, and is provided with the most varied and satisfactory set of cultivating attachments known. This season we offer the attachments strengthened and improved, eight in number, shown in the cut. Price, boxed, \$12.00.

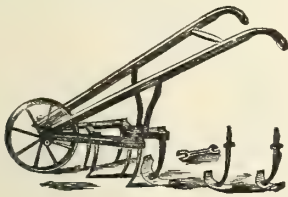


Gem Single Wheel Hoe and Cultivator.

Five steel teeth, two scuffle hoes, and two plows, one right and the other left hand. The hoes, etc., can be set in any position. Wheel and handles. \$5.00.

Gem Double Wheel Hoe and Cultivator.

Same as above, except that it has two wheels, which allow it to work both sides at once. \$6.00.



Lee's Iron Frame Hand Wheel Hoe.

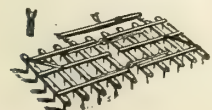
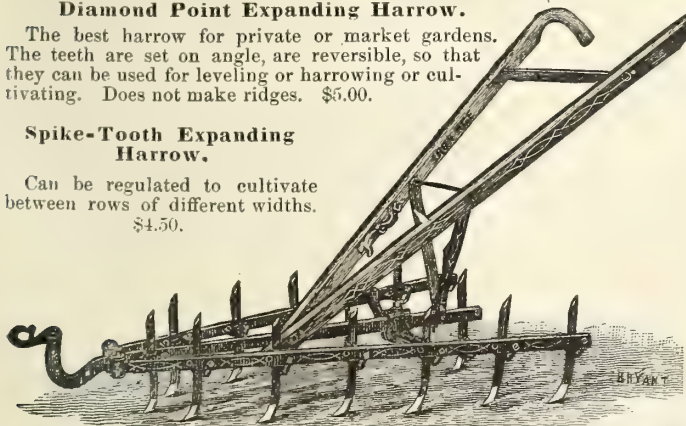
Light, simple, strong and easily worked. The teeth and hoes can be used separately or combined. The hoes are of different widths. \$5.00.

Diamond Point Expanding Harrow.

The best harrow for private or market gardens. The teeth are set on angle, are reversible, so that they can be used for leveling or harrowing or cultivating. Does not make ridges. \$5.00.

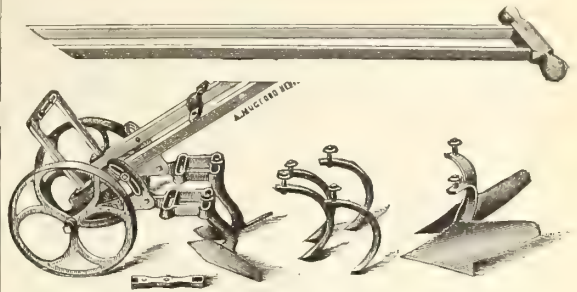
Spike-Tooth Expanding Harrow.

Can be regulated to cultivate between rows of different widths. \$4.50.



Scratch Harrow.

One horse.....\$7.00
Two "11.00



Jewel Cultivator and Wheel Hoe, Double.

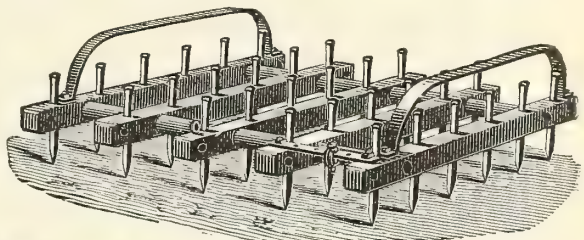
The "Jewel" is capable of being quickly adjusted in depth or width of working or height of handles. As shown in cut it is provided with four slender stirring teeth, each one made of one piece of steel, unexcelled for thorough work, especially in hard soil; one pair of curved side hoes, particularly intended for use among small plants; also, a pair of plows for throwing to or from the row, or for opening furrows. The standards of these hoes and plows are of malleable and wrought iron. \$6.00.

Iron Age Horse Cultivator.

| | |
|-----------------------------------------------------------------------------------------------|--------|
| Plain Cultivator | \$4.00 |
| Plain Cultivator, with hoeing attachments..... | 5.50 |
| Cultivator, with hoeing attachments, wheel and leveler..... | 7.50 |
| Complete Cultivator, with hoeing attachments, wheel, leveler, and set narrow weeding teeth... | 8.00 |

Price of separate attachments.

| | |
|--------------|------|
| Wheel..... | 1.00 |
| Leveler..... | 1.00 |
| Weeder..... | 1.35 |



EVANS' HARROW.

One of the very best tools for private or market gardens. The harrows are provided with runners, so they can be easily moved without tearing up walks or roads. 24 tooth, \$6.00; 30 tooth, \$7.00.

Evans' Triple Folding Harrow.

45 teeth, \$13.00.



Syracuse Chilled Plow.

Wooden Beam.

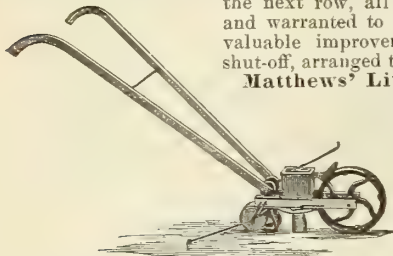
| | |
|-------------------------------|---------|
| No. 7, Medium, Two Horse..... | \$14.00 |
| " 9, Light, " " | 14.00 |
| " 5, Medium, One " | 6.00 |

Iron Beam.

| | |
|-----------------------------------------------------------------|---------|
| No. 2, Medium, Two Horse..... | \$14.00 |
| Eagle, A, One Horse..... | 4.50 |
| " O, " " | 5.00 |
| Boston Steel Clipper, XO, One Horse..... | 6.25 |
| " XO, " " | 7.00 |
| Hill-side, the lightest swivel plow, One Horse, with wheel..... | 8.00 |
| Two Horse, with wheel..... | 15.00 |

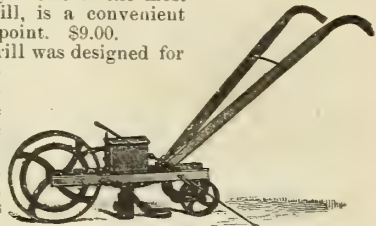
MATTHEWS' SEED SOWERS AND DRILLS.

Matthews' Seed Drill. This is the most perfect Seed Drill in use. It may be used in either field or garden. It opens the furrow, drops the seed evenly at the required depth, covers it lightly, rolls the earth over the seed, marks the next row, all with the utmost precision. It is thoroughly made, and warranted to sow with evenness and regularity. One of the most valuable improvements, possessed by no other drill, is a convenient shut-off, arranged to stop the flow of the seed at any point. \$9.00.

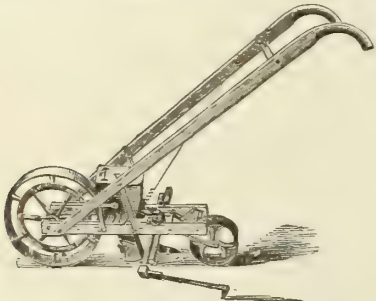


MATTHEWS' LITTLE GEM SEED DRILL.

Matthews' Little Gem Seed Drill. This drill was designed for farmers and small gardeners, who have long felt the need of a low-priced, reliable Seed Drill. The "Little Gem" will make the drill, drop and cover all the seeds, such as Turnip, Carrot, Sage, Spinach, Onion, Parsnip, Beet, etc., and mark the next row as perfectly as the best \$10.00 Drills. Weighs only 20 pounds. \$5.50.

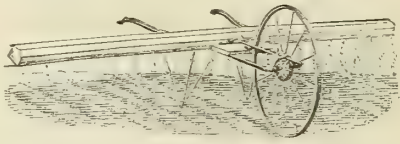


MATTHEWS' SEED DRILL



THE MODEL DRILL.

The Index or Indicator is plain, convenient and reliable. It is placed in open sight, and can be quickly adjusted to the slightest variation. The names of the principal seeds are plainly shown on the Index. The flow of seed can be instantly stopped by a swinging cut-off, which prevents all loss of seed at the end of rows. Its swinging or gravity form will be found preferable to slides, as it cannot be jammed by falling seed. The marker is simple, easily adjusted and firmly held. The main wheel is of large size and of sufficient width to prevent its sinking into soft earth. The covering roller is attached by swinging frame, enabling the operator to roll lightly or otherwise, by varying the pressure on handles. Price, \$8.00.



Thompson's Broadcast Seeder.

For sowing all kinds of grass and clover seeds. It has a positive motion, and works as freely and easily sowing as when empty. It sows any quantity per acre desired, and as accurately as a grain drill. It distributes the seed evenly the whole length of the hopper, and will in no way bunch or injure it. Will sow the exact quantity per acre it is set to sow. It makes no difference in the quantity sown per acre whether the machine is run fast or slow. 14-foot hopper, \$8.00.



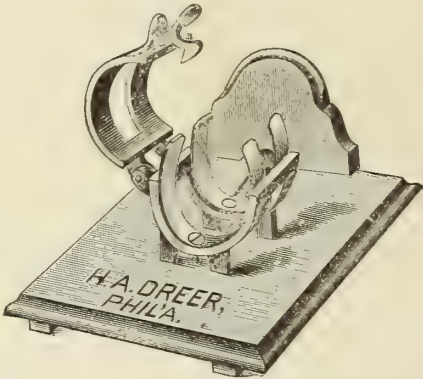
Cahoon Broadcast Seed Sower.

Will sow any kind of grain or grass seed. Hand Machine, \$4.00. Power Machine, \$18.00.

South Bend Seeders.

These are light and durable machines. The sack will hold a half bushel; the seed scale is on the left-hand side of box to regulate opening for any desired amount; the distributor is operated by a crank wheel or fiddle-bow on side, driving it in one direction; it is a regular, easy motion, one turn of the crank at every step. This machine will sow all kinds of seed broadcast in a perfect and satisfactory manner—it will never throw to one side or bunch it. Land plaster and all kinds of fertilizers can also be sown with this machine. It does not throw the seed in the air to be drifted by every little gust of wind, as other rotary machines do, but throws it directly and evenly to the ground.

- No. 2, with crank wheel.....\$4.00
- " 3, " fiddle-bow.....2.50



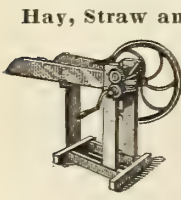
Dreer's Asparagus Buncher.

The best buncher on the market. Has self-locking catch, which can be released instantly. Makes uniform sized bunches, and by its use Asparagus can be tied in neat and compact bunches, so it will not come apart in cooking, and will make a neat appearance in market. \$2.00 each.

CARTS FOR LAWN AND GARDEN.

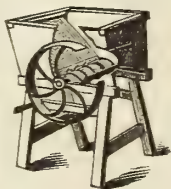
Leaf Cart. An excellent cart for removing leaves and grass and light rubbish. With narrow wheels, \$13.00. With wide wheels, \$14.00. Stone box, \$3.00 extra. With box for stones, etc., it is the most complete cart in the market.

Lansing Hand Cart. A light and serviceable cart. Will carry 300 lbs., easily pushed by one man. \$8.00.



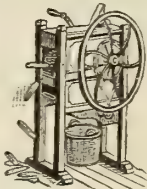
Hay, Straw and Corn Stalk Cutters.

- Belle City, No. 5, \$18.00.
- Ross Hay Cutter, No. 7, \$14.00.
- Telegraph, No. 4, \$16.00.
- Telegraph, No. 5, \$13.25.



Root Cutters.

- No. 1, Clark's, \$10.00.
- No. 2, Clark's, \$14.00.
- Ames' Root Cutter, \$13.00.
- Newtown Root Cutter, \$10.00.



Hand and Power Corn Shellers.

- Pony, one hole with fan, \$12.00.
- Keystone, two hole with fan, \$22.00.
- Star Sheller and Separator, \$22.00.
- The Pet, \$8.00.
- Black Hawk Sheller, \$3.00.

Wood's Corn Sheller. Will shell a bushel of corn in 4 minutes. One of the best hand shellers. \$3.00.

Hose Reels.

| | |
|---------------------------------------------------------|--------|
| Excelsior, No. 1, holds 100 ft. $\frac{3}{4}$ in. hose. | \$2.75 |
| No. 2, " 150 " " " | 3.25 |
| Gem holds 75 ft. $\frac{3}{4}$ in. hose. | 1.50 |
| Holly, No. 1, holds 100 ft. $\frac{3}{4}$ in. hose. | 3.25 |
| No. 2, " 150 " " " | 4.00 |
| No. 3, " 200 " " " | 6.50 |
| Peerless, No. 1, " 100 " " " | 2.25 |
| No. 2, " 150 " " " | 2.75 |
| Success, No. 1, " 100 " " " | 1.75 |
| No. 2, " 150 " " " | 2.25 |



Hose Menders.

| | Each. | Doz. |
|----------------------------------|-------|--------|
| Hickman's, $\frac{3}{4}$ inch. | 20 | \$2.00 |
| " 1 " " | 25 | 2.50 |
| White Metal, $\frac{3}{4}$ inch. | 10 | 1.00 |
| Woodason, $\frac{3}{4}$ inch. | 8 | .75 |



Greenhouse Force and Lift Pump.

Will throw a stream 75 feet. \$8.00.

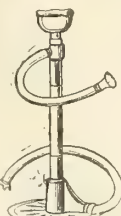
Excelsior Force Pump.

Compact, portable; can be used for a variety of purposes. \$7.50.

Daisy Tin Force Pump, \$1.75.



GREENHOUSE.



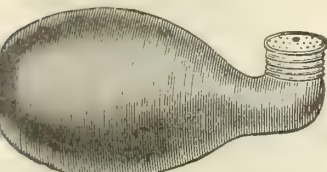
EXCELSIOR.

Aquarius Force Pump.

One of the best of the small hand or greenhouse pumps. Excellent for spraying roses, etc. \$8.00.

Deakin's Double Action Fountain Pump.

Of brass, and well made. Will throw a continuous stream 20 to 30 feet. \$7.50.



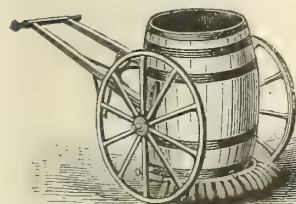
PERFECTION SPRINKLER.



SCOLLAY SPRINKLER.

Either one, \$1.00; postpaid, \$1.15.

Improved Water Truck.



cut. With this barrel we furnish a force pump capable of throwing water 50 feet. For washing windows, spraying trees, etc., it will be found very serviceable. Truck and Barrel, with Rotary Force Pump attached, \$16.00.

Truck and Barrel, and Sprinkler and Pump, \$18.50.

Rotary Pump alone, \$6.50.

The wheels on Truck shown have $1\frac{1}{2}$ inch tires. We can supply wheels with $2\frac{1}{2}$ in. or 4 in. tires at \$2.00 or \$4.00 extra.

Without Sprinkler or Pump:

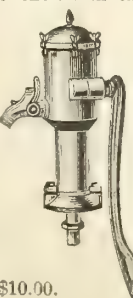
Water Truck and Barrel, $1\frac{1}{2}$ inch tires, \$10.00.

Water Truck and Barrel, $2\frac{1}{2}$ inch tires, \$12.00.

Water Truck and Barrel, 4 inch tires, \$14.00.

Sprinkling attachment only, \$3.00.

Box for carrying stones, earth, etc., extra, \$3.50.



This sprinkler is invaluable for watering walks, lawns, etc., and consists of a perforated iron tube bent on a circle, thereby throwing water outside the wheels. The water can be shut off by a valve shown in the



Cut a thin slice from center of Potato, hold up to light and see feedery as in small cut.

Concave Potato Knife.

For cutting seed potatoes. This is undoubtedly the best knife for the purpose.

25 cts. each; postpaid, 30 cts.

THE LIGHTNING POTATO EYE CUTTER,



does the work many times faster and is more accurate than the knife. It is gauged to cut enough flesh with each eye to strengthen and vitalize it and does the work in a scientific manner. No matter how small a crop you intend to plant, you should use this cutter.

30 cts., postpaid.

Universal Glass Cutter.



Will never lose the point. It works entirely different from all others, having a diamond in one corner and a wheel in the other, thus giving it a sure cut. This is really a most useful implement and better than any other cutter. The bone handle cutter has diamond nearly twice the size of the ebony handle.

Bone handle, \$5.00; ebony handle, \$3.50.

German Pruning Shears. No. 5. Steel blades, coiled steel spring, which cannot drop out.

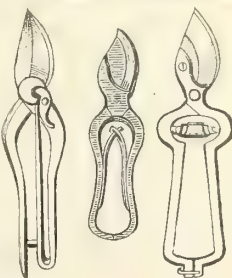
8 inch, \$1.00, 9 inch, \$1.50.

German Hedge Shears. A good low-priced shear. 7 inch, \$1.75; 9 inch, \$2.25; 10 inch, \$2.50; 12 inch, \$3.00.

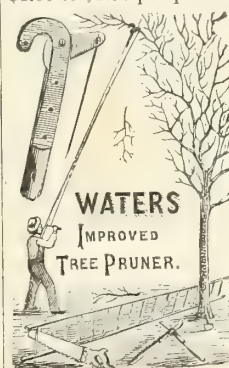
Perfection Pruning Shears. No. 3. Made entirely of steel, and adapted to light or heavy pruning; requires little labor, and makes a smooth cut. 7 inch, \$2.25; 8 inch, \$2.75; 9 inch, \$3.00.

English Rose Pruning Shears. No. 4. Wrought iron handles, steel blade and spring. A good tool. \$2.50.

Pruning Gloves. Made of extra heavy buckskin. \$1.00 to \$2.00 per pair.



No. 3. No. 4. No. 5.



WATERS
IMPROVED
TREE PRUNER.



WATERS' Improved Tree Pruner.

The hook encircles the limb. The blade being supported on both sides, enables it to be made very thin, making an easier and smoother cut;

LEE'S

the blade is connected by a rod and pole from 4 to 14 feet long. Extra cutting blades by mail, 30 cts.

4 feet pole....\$1.75 | 8 feet pole...\$2.25 | 12 feet pole...\$2.70

6 " " " 2.00 | 10 " " " 2.50 | 14 " " " 3.00

Lee's New Pole Tree Pruner. Hook and blade same as the Waters'. Can be placed on a pole of any length; is made entirely of wrought iron and steel, reliable in every respect. \$2.00. Extra blade by mail, 30 cts.

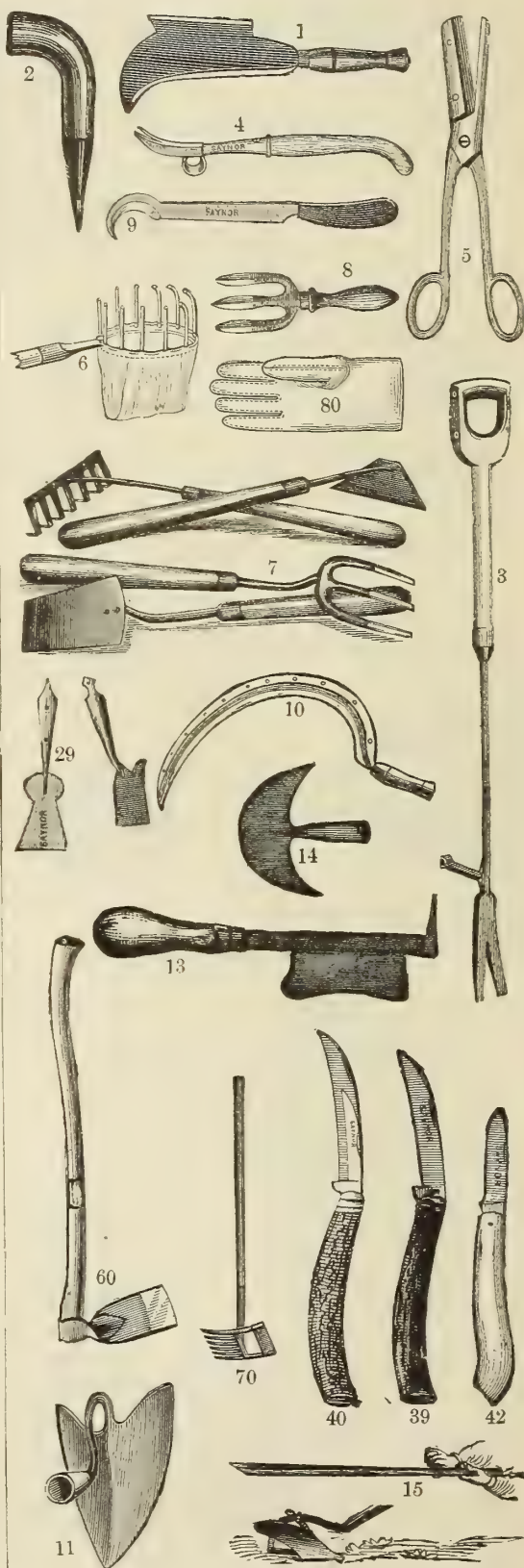
Disston's Little Giant Pruner. \$1.85.

" " " " and Saw. \$2.00.

GARDEN AND FARM IMPLEMENTS

Of leading English and American manufacture, made from best material and newest patterns.

| | |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Axe, handled, medium..... | EACH. \$1.25 |
| " small | 1.00 |
| (1) Bill Hook..... | 1.50 |
| Brush Hook, handled..... | 1.50 |
| Bull Lead..... | .75 |
| Crowbars, Steel, 12 to 20 lbs..... | Per lb., .08 |
| (2) Dibble, improved, iron point..... | .75 |
| " brass | .60 |
| (3) Dock Extractor, or Lifter..... | 2.00 |
| (4) Daisy Grub, or Lifter, Small, 75 cts., Large..... | 1.25 |
| (5) Fruit and Flower Gatherer, English, Small, \$1.00; Medium, \$1.50; Large..... | 2.00 |
| Fruit and Flower Gatherer, American, Plain, 85 cts.; Nickel..... | 1.00 |
| (6) Fruit Picker, Crider's Adjustable..... | .75 |
| Fruit Picker, Boss..... | .75 |
| (7) Floral Sets, or Garden Tools in boxes..... | .75 |
| " " " " " long handles, for ladies and children..... | 1.00 |
| (8) Forks, Hand Weeding, 3 styles..... | 30 cts., 75 cts., 1.00 |
| Digging, or spading, 4 prong..... | .90 |
| " " " 5 "..... | 1.15 |
| Manure, long handle, 4 tine, heavy..... | .65 |
| Manure, D " 4 " medium..... | .80 |
| Manure, D " 4 " heavy..... | .85 |
| Manure, D " 5 " medium..... | .90 |
| Hay and Straw, long handle, 3 tine, medium..... | .50 |
| Fumigators. See page 153. | |
| Garden Reels, Iron, painted..... | \$1.00 and 1.25 |
| Garden Reels, extra heavy, galvanized. Single..... | 1.50 |
| Garden Reels, " " Double..... | 3.00 |
| Garden Lines, best Italian flax, 90 ft., 50 cts.; 180 ft., \$1.50; 300 ft..... | 3.00 |
| (80) Gloves. Per pair..... | \$1.00 to 2.00 |
| (90) Gooseberry Pruner, for thorny bushes..... | 1.25 |
| Grass Edger, Planet, Jr..... | 4.00 |
| (10) Grass Hooks, or Sickles, English. Riveted back: No. 0, 50 cts.; No. 1, 60 cts.; No. 2, 70 cts.; No. 3..... | .80 |
| Grass Hooks, American. Plain back, No. 2, 40 cts.; No. 3..... | .50 |
| Grass Hooks, Dutch, Steel..... | .50 |
| Hoe, Celery, 14 inch..... | 2.00 |
| (90) Dutch, or Scuffle, 4 in., 40 cts.; 5 in., 50 cts.; 6 in., 60 cts.; 7 in., 65 cts.; 8 in., 70 cts.; 9 in., 80 cts.; 10 in..... | .90 |
| Garden, with sharp point..... | .40 |
| Garden, 2 prongs, 40 cts.; 3 prongs, 45 cts.; 4 prongs..... | .50 |
| (60) Grubbing, or Mattock..... | \$1.25 and 1.50 |
| (50) Hexamer's Improved, 6 prong..... | 1.25 |
| Lyman's Adjustable..... | .75 |
| Superb..... | .50 |
| Tomato, for transplanting tomatoes..... | .50 |
| Half Moon, solid socket, 3 in., 35 cts.; 4 in., 40 cts.; 5 in., 45 cts.; 6 in., 50 cts.; 7 in., 55 cts.; 8 in..... | .60 |
| Square, solid socket, 6 in., 60 cts.; 7 in., 70 cts.; 8 in..... | .80 |
| (11) Warren, 3 sizes..... | .75 |
| Weeding Hoe and Rake, 4 teeth..... | .60 |
| (70) Weeding Hoe and Rake, 6 teeth..... | .70 |
| Trowel-shaped..... | .50 |
| Knife, Asparagus, 14 in. long, with saw..... | 1.50 |
| Asparagus, 14 in. long, plain..... | .40 |
| Knives, Saynor's Pruning. The best. (37) \$1.25; (38) \$1.20; (39) \$1.00; (40)..... | 1.75 |
| Pruning, other makes..... | .65 cts., 75 cts., \$1.00, 1.25 |
| Saynor's Budding (42)..... | 1.25 |
| Budding, other makes..... | .75 cts., \$1.00, 1.25 |
| Pruning and budding combined..... | \$1.00, 1.25 |
| (13) Grafting..... | .75 |
| (14) Grass Edging, 8 in., \$1.25; 9 in., \$1.50; 10 in..... | 1.75 |
| Corn, for cutting corn stalks..... | .50 cts., .75 |
| Pick, Railroad, handled..... | 1.25 |
| Pickaxe..... | 1.25 |
| (15) Plow, Bateman's Hand..... | 1.25 |
| Rakes, Solid Steel Garden or Gravel, short teeth, 14 teeth, 55 cts.; 16 teeth, 65 cts.; 18 teeth..... | .75 |
| Solid Steel Garden, 6 teeth, 35 cts.; 8 teeth, 40 cts.; 10 teeth, 45 cts.; 12 teeth, 50 cts.; 14 teeth, 55 cts.; 16 teeth..... | .60 |
| Wrought Iron Garden, 12 teeth, 70 cts.; 14 teeth, 80 cts.; 16 teeth..... | .90 |
| (16) Bow, 9 teeth, 40 cts.; 11 teeth, 50 cts.; 13 teeth, 65 cts.; 15 teeth..... | .75 |



Rakes—Continued.

| | EACH. |
|----------------------------------|--------|
| Davis' Lawn..... | \$.60 |
| English Lawn, 20 teeth..... | 3.50 |
| (18) English Lawn, 24 teeth..... | 4.00 |

Rakes, Wooden Lawn. These we consider the best patterns, and the most useful Lawn Rake made.

| | |
|---------------------------------------------|------|
| Lawn King, 22 teeth, 40 cts.; 26 teeth..... | .50 |
| Automatic, 22 teeth, 60 cts.; 26 teeth..... | .70 |
| Philadelphia, 50 teeth..... | 1.00 |
| Hay, wooden, 11 teeth..... | .30 |
| Lawn, wooden, 14 teeth..... | .40 |

Rattan Brooms. For walks or stables.....

Cocoa Brooms. 9 in., 60 cts.; 12 in.....

| | |
|----------------------------------------------------------------------------------------------------|------|
| (19) Saws, Pruning. 14 in., 90 cts.; 16 in., \$1.00; 18 in., \$1.15; 20 in., \$1.40; 24 in..... | 1.60 |
| (20) Lightning, double cutting. 16 in., 75 cts.; 18 in., 90 cts.; 22 in..... | 1.25 |

| | |
|----------------------------------------------------------------------------------------------|------|
| (21) Scissors, Bow Handle Pruning. 4 in., \$1.00; 5 in., \$1.25; 6 in., \$1.50; 7 in..... | 1.75 |
| Bow Handle Pruning, nickel plated. 4 in., 75 cts.; 6 in..... | 1.00 |

(22) For thinning Grapes. 5 in., \$1.00; 6 in., \$1.25;
7 in., \$1.50; 8 in.....

| | |
|----------------------------------------------------------------------------------------------------|------|
| Scythes, English Lawn, riveted back. 30 in., \$1.25; 34 in., \$1.35; 36 in., \$1.50; 38 in..... | 1.65 |
|----------------------------------------------------------------------------------------------------|------|

American, of best steel.....

Waldron Pattern.....

Bush or Brier.....

Marston Scythe and Snath, complete.....

Scythe Stones. Darby, 10 cts.; Talaere.....

Rifles, 15 cts. Snaths. The best pattern.....

Seed Sower, Randolph's Hand. Postpaid.....

Shears, Grass Border, 8 in. blade, \$2.50; 10 in.....

(23) Grass Border, with wheel, 8 in. blade, \$3.00;
10 in.....

Grass Border, 2 wheels, 8 in. blade.....

(24) Hedge, English, with notch, 8 in., \$2.00; 9 in.,
\$2.25; 10 in.....

Hedge, German, with notch, 7 in., \$1.75; 9 in., \$2.25;
10 inch, \$2.50; 12 inch.....

Long Handle, Quaker City and Eagle.....

(25) Long Handle, Saynor. Very powerful.....

(26) Sheep, English. For grass, 6 in., 85 cts.; 7½ in.....

Sheep, English, with inside spring, 7½ in.....

Sheep, American, 7 in. blade.....

Shovels, Round Point, polished, No. 2.....

(27) Square Point, polished, No. 2.....

Long Handle, Round Point, No. 2.....

Adjustable Draining, small, \$1.10; large.....

(28) Spades, Ames', polished, No. 1, \$1.20; No. 2,
\$1.25; No. 3.....

Griffith's, polished, No. 2.....

Griffith's, nursery, No. 2.....

Griffith's, nursery, No. 0000.....

Spuds, Long Handle, for thistles and docks.....

with foot-rest.....

(29) Long Handle, for thistles and docks, English.....

Thermometers, Tin, Japanned, 7 in., 20 cts.; 8 in.,
25 cts.; 10 in.....

Boxwood, white or black.....

Hot Bed or Dairy.....

Transparent, for windows. Small, \$1.00; large.....

(30) Registering, maximum or minimum.....

(31) Tree Scrapers, Short Handle.....

Long Handle.....

Trowels, American Garden, polished, 5 in.,
12 cts.; 6 in. 15 cts.; 7 in., 20 cts.; 8 in.....

(32) English Garden, polished, will outlast
several of the American. 6 in., \$1.00; 7
in., \$1.15; 8 in.....

American (English pattern). 6 in.....

(33) Transplanting, for tomatoes, etc.....

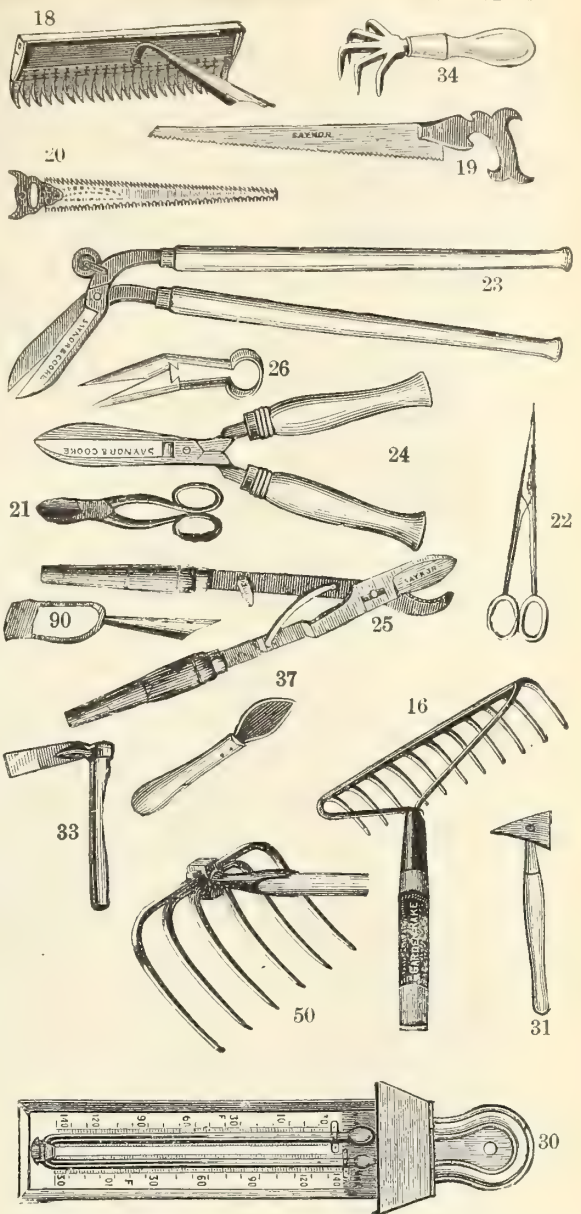
(34) Weeders, Excelsior. Postpaid, 25 cts.
Gem. Postpaid, 30 cts.....

Hazeltine. Postpaid, 30 cts.....

Lang's. Postpaid, 30 cts.....

(37) Weeding Spoon.....

(36) Weeding Tongs, Ricketson's, for re-
moving docks, daisies, etc., from lawns.....



REID'S PATENT ROUND CAN CREAMERY.

The cans in this Creamery are 8½ inches in diameter and 20 inches deep and have a straight faucet of brass, nickel plated, which is easily cleansed. Large ice and water space insures rapid cooling. In this Creamery both the cream and milk are always accessible without drawing off the water or lifting the cans. The arrangement of faucet and glass for drawing the milk and cream is perfect, as the cream can be seen through the glass some time before it comes to the faucet. Thousands of dairymen are using these Creameries with the best results. No. 8 has two rows of cans, and doors on each side. No. 00 has 10 Quart Cans; the other sizes have 18 Quart.



| No. | No. of Cans. | No. of Cows. | Height. | Length. | Width. | Weight. | Price. |
|---------|--------------|---------------|----------------|----------------|----------------|-------------|---------|
| 00..... | 2..... | 1 to 3..... | 33 inches..... | 21 inches..... | 17 inches..... | 75 lbs..... | \$22.00 |
| 2..... | 2..... | 4 to 6..... | 39 "..... | 24 "..... | 20 "..... | 100 "..... | 27.00 |
| 3..... | 3..... | 7 to 9..... | 39 "..... | 33 "..... | 20 "..... | 125 "..... | 33.00 |
| 5..... | 6..... | 13 to 18..... | 39 "..... | 63 "..... | 20 "..... | 230 "..... | 52.00 |
| 6..... | 8..... | 19 to 24..... | 39 "..... | 80 "..... | 20 "..... | 325 "..... | 64.00 |
| 7..... | 10..... | 25 to 30..... | 39 "..... | 96 "..... | 20 "..... | 400 "..... | 75.00 |
| 8..... | 12..... | 31 to 36..... | 38 "..... | 71 "..... | 28 "..... | 450 "..... | 85.00 |

THE REID BARREL CHURN.

The principal feature that commends this style of churn is that the cream is churned by concussion, instead of friction. No paddles inside to ruin the grain of the butter.

Butter makers appreciate the construction of the Reid Churn from the fact that there are no corners where the cream can lodge, and no metal head to come in contact with the cream. The head removes entire, and there is no rim inside to prevent the butter being dropped into a bowl. The Churn, thus, is very easily cleaned.

The supports that hold the barrel in position can be folded when not in use, making them convenient for shipping, etc. The barrel is made of white cedar THOROUGHLY SEASONED, with GALVANIZED hoop and MALLEABLE IRON fastenings.



WILSON CHURN.

| | | |
|--------|----------------------------------|---------|
| No. 1. | Churns 1 to 4 gallons cream..... | \$ 8.50 |
| " 2. | " 2 " 7 " "..... | 9.00 |
| " 3. | " 3 " 9 " "..... | 10.00 |
| " 4. | " 4 " 12 " "..... | 12.00 |

| | | |
|--------|-----------------------------------|-------|
| No. 5. | Churns 5 to 16 gallons cream..... | 14.00 |
| " 5½. | " 5 " 20 " "..... | 18.00 |
| " 6. | " 6 " 28 " "..... | 21.00 |

Any of the above sizes fitted to run by power, with heavy frame and 8-inch pulley, \$3.00 extra, net.

THE WILSON CHURN.

Has a strong and durable fastening, and is made of white oak and finished in a most thorough manner. The hoops and fastening are galvanized, and it will last a lifetime with proper care.

| | | | | | |
|--------|---------------------------------------|---------|---------|----------------------------------------|---------|
| No. 1. | Churns from 1 to 4 gallons cream..... | \$ 8.50 | No. 5. | Churns from 5 to 16 gallons cream..... | \$14.00 |
| No. 2. | " " 2 to 7 " "..... | 9.00 | No. 5½. | " " 5 to 20 " "..... | 18.00 |
| No. 3. | " " 3 to 9 " "..... | 10.00 | No. 6. | " " 6 to 28 " "..... | 22.00 |
| No. 4. | " " 4 to 12 " "..... | 12.00 | | | |

SPAIN'S PATENT CHURN.

Made of White Cedar and bound with Galvanized Iron Hoops. A special form of dasher arranged to produce the best effect in operation. A large opening through which the dasher can be removed; admitting of thorough cleansing and ventilation of both dasher and Churn. An arrangement by which the dasher is guided to its proper position in the Churn, where it remains, without other support, while inserting the handle.

Patent Stands are sold with Spain's Churns; they can be folded up and put away, occupying but a small space. Price includes patent stands.



SPAIN'S PATENT.

| | | |
|--------|----------------------|--------|
| No. 1. | Churns 9 quarts..... | \$5.00 |
| " 2 | " 15 "..... | 5.50 |
| " 3. | " 20 "..... | 6.00 |
| " 4. | " 24 "..... | 7.00 |
| " 5. | " 32 "..... | 8.00 |
| " 6. | " 44 "..... | 9.00 |

KEYSTONE BUTTER-WORKER.

Made of well-selected and thoroughly seasoned lumber, securely fastened together with screws.

Fitted with three legs, which insures a steady position wherever placed.

The legs being removable, the Worker can be stored away in a small space when not in use.

| | | | |
|--------|---------------------|-------------------------|---------|
| No. 1. | 24 inches wide..... | 20 pounds capacity..... | \$ 5.00 |
| " 2. | 32 " "..... | 30 " "..... | 7.00 |
| " 3. | 44 " "..... | 75 " "..... | 10.00 |

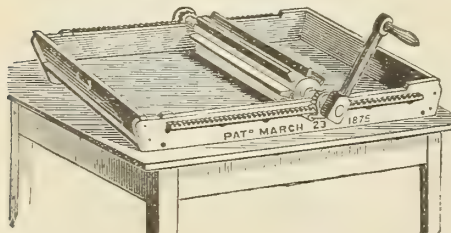


KEYSTONE BUTTER-WORKER.

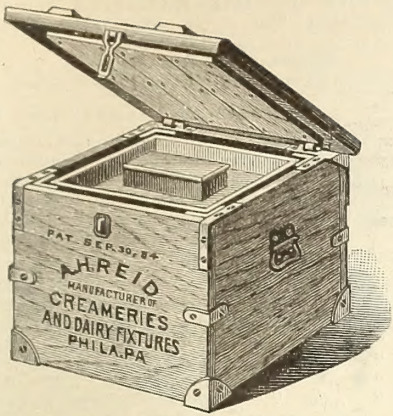
REID'S PATENT BUTTER-WORKER.

This Butter-Worker has become a standard dairy fixture; they have gone into almost every butter-producing district in the States and large numbers have been exported. Through the many years they have been in use we have yet to hear of any complaint. They have iron cranks instead of wood as formerly, have a loose handle which does not turn in the hand, and also have friction rollers on the clamps that run under the racks, to hold the roller down.

| | | | |
|--------|-----------------------------------------|-------------------|---------|
| No. 1. | Size, 23 by 36 in. 2½ in. deep, inside. | Capacity, 50 lbs. | \$10.00 |
| No. 2. | Size, 20 by 36 in. 2½ in. deep, inside. | Capacity, 30 lbs. | 8.00 |
| No. 3. | Size, 17 by 27 in. 2½ in. deep, inside. | Capacity, 20 lbs. | 7.00 |
| No. 4. | Size, 14 by 23 in. 2½ in. deep, inside. | Capacity, 10 lbs. | 6.00 |



REID'S PATENT BUTTER-WORKER.



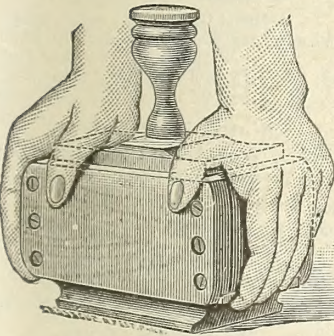
Reid's Improved Butter Shipping Box. Patented.

Improved Butter Shipping Boxes, with lock cornered trays, are a most complete thing. They are made of well-seasoned lumber, iron bound at the edge, and capped at the corners as shown in the above engraving. Malleable, detachable hinges and corner plates, combined, prevent the wear and tear to which the boxes are subjected.

The trays for the butter are let down into the box, one upon another, and may be lifted out with the butter in them. A movable ice box is placed in the centre. The four sides of the tray are surrounded by a non-conducting air space, which is valuable in preserving the temperature and saving the ice. Malleable iron chest handles, well secured to the sides of the box, make it convenient to carry. The boxes are especially suited to square or oblong prints.

| | |
|------------------|--------|
| Capacity, 12 lb. | \$3.50 |
| " 20 " | 3.75 |
| " 30 " | 4.25 |
| " 40 " | 4.75 |
| " 56 " | 5.00 |
| " 80 " | 5.50 |
| " 96 " | 5.75 |
| " 120 " | 6.00 |

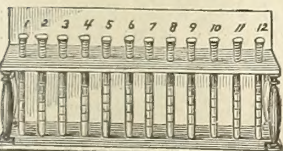
Reid's Butter Mould.



With this mould, very firm butter may be printed. As shown in the figure, the operator cannot only put his entire weight on the print, but at the same time clasp the base with his fingers, by giving the print block a rocking motion by pressing alternately with each hand. The mould with the butter in it may be quickly turned the

other side up by lifting it with a finger of each hand in the small depressions in ends of box, when the base may be removed and the butter pushed out. Each \$1.50.

Milk Testing Tubes



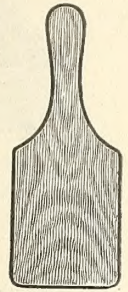
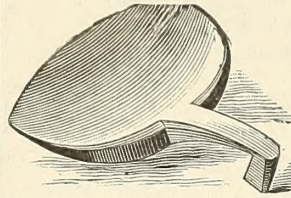
Every farmer should have a supply of tubes for testing each cow's milk.

Plain tubes, per dozen, 75 cts.; flat bottom tubes, 5 x 1 1/4 inch, extra heavy, per dozen, \$1.25; graduated flint glass tubes, 0 to 30 per cent., per dozen, \$2.50.

Rapp's Automatic Butter Printer.

The advantages we claim over other butter presses are that all the parts can be regulated by a series of set screws, thereby taking up the expansion and contraction caused by scalding. We can furnish them to print plain or fancy prints as desired.

Price, 1 lb. machine.....\$15.00
" 1 lb. and 1/2 lb. combined..... 18.00



Anderson Ladles.

Large, 50 cts. each
Small, 25 " "

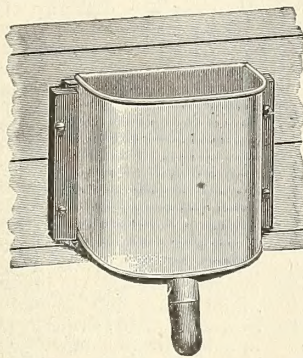
Paddles.

Small, 25 cts. each, \$2.50 per doz.
Large, 50 " " 5.00 " "



Perfect Milk Pail and Stool.

The milker sits on top of the pail while milking.
One size only, \$2.25.



Silver Milking Tube.

Made of coin silver. By pushing the slide up or down the length can be changed. Regular size, 1 1/2 inch in length. 50 cts. each.

Small's Calf Feeder.

Thoroughly made, perfect in construction, and answers the purpose for which it is designed. The calf cannot knock it down. \$2.50.

SUNDRIES.

Grafting Wax, first quality, in bars. With directions for use. 1 lb., 30 cts.; postpaid, 45 cts.

Raffia, the best material for tying plants, vines, etc. Per lb. 40 cts.

Green Linen Twine, for Smilax. 80 cts. per lb.

Jute Twine, for tying plants or vegetables. 20 cts. per lb.

Marline, for tying mats, fodder, etc. 10 cts. per lb., \$8.00 per 100 lbs.

Russian Bass Mats for budding and covering hot beds, second hand. 1st quality, 25 cts. each; \$2.50 per doz. 2d quality, 15 cts. each; \$1.50 per doz.

Jersey Peat, for potting plants, etc. \$1.50 per bbl.

English Peat. Per bbl., \$3.00.

Propagating Sand. \$1.50 per bbl.

Prepared Potting Soil. 75 cts. bush.; \$1.50 bbl.

Sphagnum Moss, for packing, growing Orchids, etc. \$1.50 per bbl.; \$2.50 per bale.

Cocoa Fibre, for propagating and mulching. 90 cts. per bushel.

Jardinieres and Fancy Pots. Different patterns and colors. 75 cts. to \$2.00 each.

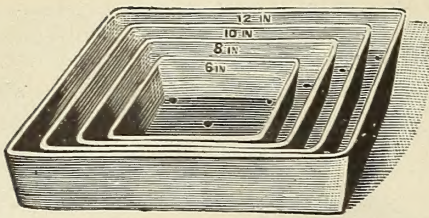
Window Boxes. Terra cotta and wooden. \$1.25 to \$3.50 each.

Iron Brackets. To hold from one to four pots; bronzed and painted. 20 cts. to \$2.00 each.

Peat Moss. Excellent for bedding horses or cattle, and for absorbing the odors of the stables. Per bale, \$3.50; per ton, \$20.00.

Snow Shovels. Steel points. 40 and 50 cts. each.

Missouri Oil Stones. 25 cts. per lb.



Square Seed Pans.

| Each. | Doz. | Each. | Doz. |
|------------------------|--------|-------------------------|--------|
| 6 inch.....22 cts..... | \$2.20 | 10 inch.....35 cts..... | \$3.50 |
| 8 ".....27 "..... | 2.70 | 12 ".....45 "..... | 4.50 |

Round Lily Pans.

| 8 inches diameter; 4 in. deep..... | 20 cts. each. | \$2.00 doz. |
|------------------------------------|----------------------------|------------------------------|
| 10 " " " " " " " " " " " " | 25 " " " " " " " " " " " " | 2.50 " " " " " " " " " " " " |
| 12 " " " " " " " " " " " " | 30 " " " " " " " " " " " " | 3.00 " " " " " " " " " " " " |
| 14 " " " " " " " " " " " " | 35 " " " " " " " " " " " " | 3.50 " " " " " " " " " " " " |
| 16 " " " " " " " " " " " " | 40 " " " " " " " " " " " " | 4.00 " " " " " " " " " " " " |
| 18 " " " " " " " " " " " " | 50 " " " " " " " " " " " " | 5.00 " " " " " " " " " " " " |



Standard Flower Pots.

Sizes and shapes as adopted and recommended by the Society of American Florists, at their Convention in New York city, August 23, 1888. These pots are all full inside measurement, height and width, which makes them at least one size larger than by the old way of measuring. Destroy all previous lists of RIM POTS, as the sizes and prices are changed.

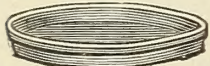
| Sizes. | Doz. | 100. | 1,000. |
|----------------------------------------|-------------|-------------|--------|
| 1 1/2 in. height and width inside..... | \$0.08..... | \$0.50..... | \$4.00 |
| 2 " " " " " " " " " " " " | 0.09..... | 0.55..... | 4.50 |
| 2 1/2 " " " " " " " " " " " " | 0.10..... | 0.60..... | 5.00 |
| 2 3/4 " " " " " " " " " " " " | 0.11..... | 0.70..... | 5.75 |
| 3 " " " " " " " " " " " " | 0.12..... | 0.80..... | 6.50 |
| 3 1/4 " " " " " " " " " " " " | 0.18..... | 1.25..... | 10.00 |
| 3 1/2 " " " " " " " " " " " " | 0.21..... | 1.45..... | 11.50 |
| 4 " " " " " " " " " " " " | 0.33..... | 2.25..... | 18.00 |
| 5 " " " " " " " " " " " " | 0.56..... | 3.75..... | 30.00 |
| 6 " " " " " " " " " " " " | 0.84..... | 5.60..... | 45.00 |
| 7 " " " " " " " " " " " " | 1.17..... | 7.80..... | 62.50 |
| 8 " " " " " " " " " " " " | 2.06..... | 13.75..... | 110.00 |
| 9 " " " " " " " " " " " " | 2.38..... | 15.95..... | 127.50 |
| 10 " " " " " " " " " " " " | 3.28..... | 21.85..... | 175.00 |
| 11 " " " " " " " " " " " " | 3.75..... | 25.00..... | 200.00 |
| 12 " " " " " " " " " " " " | 5.81..... | 38.75..... | 310.00 |

Barrels for packing will be charged 20 cts.

Extra Heavy Hoop Flower Pots.



| Each. | Doz. | Each. | Doz. |
|----------------------|--------|-----------------------|---------|
| 8 in.....\$0.30..... | \$3.00 | 16 in.....\$1.75..... | \$17.50 |
| 9 "......40..... | 4.00 | 18 "......2.75..... | 28.00 |
| 10 "......60..... | 6.00 | 20 "......3.75..... | 38.00 |
| 12 "......75..... | 7.65 | 24 "......5.00..... | 55.00 |
| 14 "......1.15..... | 11.25 | | |



Pot Stands or Saucers.

| Per doz. | Per 100. | Per doz. | Per 100. |
|------------------------|----------|------------------------|----------|
| 4 inch.....25 cts..... | \$1.90 | 8 inch.....65 cts..... | \$4.75 |
| 5 ".....30 "..... | 2.25 | 9 ".....90 "..... | 6.50 |
| 6 ".....40 "..... | 3.00 | 10 ".....\$1.10..... | 7.75 |
| 7 ".....55 "..... | 3.75 | 11 ".....1.40..... | 9.75 |
| | | 12 ".....1.65..... | 10.75 |
| | | 14 ".....1.90..... | 12.50 |

Fern Dishes. Each 50 cts., \$1.00, \$1.25 and \$1.50.

Hanging Pots. Each 25 cts., 50 cts., 75 cts. and \$1.00.

ORCHID BASKETS (Earthenware).

| Square | 4 inch.....25 cts. | Round | 6 inch.....25 cts. |
|--------|--------------------|-------|--------------------|
| " | 6 ".....30 "..... | " | 8 ".....35 "..... |
| " | 8 ".....35 "..... | " | 10 ".....45 "..... |

ORCHID PANS (Earthenware).

| Round | 6 inch.....35 cts. | Round | 12 inch.....65 cts. |
|-------|-------------------------|-------|---------------------|
| " | 8 in. 45c., 10 in. 50c. | " | 14 ".....75 "..... |

SQUARE ORCHID BASKETS (Wood).

6 in., 50 cts. each; 8 in., 65 cts. each; 10 in., 80 cts. each; 12 in., \$1.00 each.

Virgin Cork for Orchids.

Per lb. 25 cts., 25 lbs. \$5.00, 100 lbs. \$15.00.



Improved White Cedar Tree Tubs.

Made of white cedar and bound with extra heavy iron hoops. Drop-handles of special pattern, serving as hooks for carry-poles. Substantial iron legs of original design. Removable perforated bottoms. Painted green outside and brown inside.

If painted red add 10 per cent.

| Outside Length of | | | Outside Length of | | | |
|-------------------|--------------|--------------|-------------------|-----------|--------------------------|-----------|
| No. | Diameter. | Stave. | No. | Diameter. | Stave. | |
| 0... | 27 inches... | 24 inches... | \$6.50 | 5... | 16 inches...14 inches... | \$2.75 |
| 1... | 25 " | 22 " | 5.50 | 6... | 14 " | 12 " 2.50 |
| 2... | 23 " | 20 " | 4.50 | 7... | 13 " | 11 " 2.25 |
| 3... | 21 " | 18 " | 3.25 | 8... | 12 " | 10 " 2.00 |
| 4... | 18 " | 16 " | 3.00 | | | |

Japanese Tubs, plain, 75 cts.; painted, \$1.75 to \$2.00.

5 ft. long x 9/8 in. dia.

4 ft. x 9/8 in. "

3 1/2 ft. x 9/8 in. "

3 ft. x 1/2 in. "

2 1/2 ft. x 7/8 in. "

2 ft. x 3/8 in. "

TAPERING PLANT AND DAHLIA STICKS.

| | | |
|------------------------------------|--------------------------------|-----------------|
| 1 1/4 ft., painted green..... | Per doz., 20 cts. | Per 100, \$1.00 |
| 2 " " " " " " " " " " " " | 35 " " " " " " " " " " " " | 2.00 |
| 2 1/2 " " " " " " " " " " " " | 50 " " " " " " " " " " " " | 3.00 |
| 3 " " " " " " " " " " " " | 60 " " " " " " " " " " " " | 4.00 |
| 4 " " " " " " " " " " " " | 85 " " " " " " " " " " " " | 6.00 |
| 5 " " " " " " " " " " " " | \$1.00 " " " " " " " " " " " " | 7.00 |
| 3 ft. Dahlia, heavy, painted green | 85 " " " " " " " " " " " " | 6.00 |
| 4 " " " " " " " " " " " " | 1.00 " " " " " " " " " " " " | 7.00 |
| 5 " " " " " " " " " " " " | 1.25 " " " " " " " " " " " " | 8.50 |
| 6 " " " " " " " " " " " " | 1.50 " " " " " " " " " " " " | 10.50 |

Unpainted Stakes for Chrysanthemums, etc.

| | | |
|--------------------------------------|------------------------------|-------------------|
| 3 1/2 ft. long, 1/2 in. in diam..... | Per 100, \$1.25 | Per 1000, \$10.00 |
| 3 1/4 " " " " " " " " " " " " | 1.50 " " " " " " " " " " " " | 12.00 |
| 3 1/2 " " " " " " " " " " " " | 2.00 " " " " " " " " " " " " | 16.00 |



Painted Pot Labels.

| 100. | 1,000. | 100. | 1,000. |
|--------------------|--------|----------------|--------|
| 3 1/2 inch. \$.10 | \$0.90 | 6 inch. \$.25 | \$1.50 |
| 4 " .12 | 1.00 | 8 " .35 | 3.00 |
| 4 1/2 " .15 | 1.15 | 10 " .50 | 4.50 |
| 5 " .20 | 1.25 | 12 " .75 | 6.90 |

Painted Tree Labels.

3 1/2 inch, notched or pierced—15 cts. per 100; \$1.00 per 1,000.

Zinc Tree Labels.

Small, 60 cts. per 100. Medium, \$1.50. Large, \$3.00.

Indelible Ink, for zinc labels. Per bottle 25 cts.

Indelible Marking Pencils, purple. 10 cts. each.

Soft Copper Wire for tree labels. Bunch 10 cts., lb. 50 cts.

PLANT STANDS, BASKETS, ETC.

Wooden. Neatly made, and painted green, 4 shelves, \$3.00; 5 shelves, \$4.00.

Wooden, Ash. Varnished, 3 shelves, \$1.50.

Wire. Light and durable, with castors; half-round, 3 shelves, \$4.00.

Hanging Baskets. Round bowl, No. 2, 8 in., \$1.50; No. 3, 9 in., \$2.00; No. 4, 10 in., \$2.50.

Hanging Baskets. Oval bowl, No. 1, 10 in., \$1.25; No. 2, 11 in., \$1.50; No. 3, 12 in., \$2.00; No. 4, 13 in., \$2.50; No. 5, 15 in., \$3.50.

Wire Hanging Baskets. Galvanized, 20, 25, 45 and 65 cts.

Arm Chairs, for piazzas and lawns, \$2.00 and \$2.25.

Rustic Settees, 4 to 6 feet long, \$4.00 to \$8.00.

We also carry a full line of Rustic Lawn Vases and Stump Boxes.

BOOKS FOR THE FARM, GARDEN, ETC.

MAILED POSTPAID ON RECEIPT OF PRICE.

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